



Distributor of Molex Connector Corporation: Excellent Integrated System Limited
Datasheet of 0719736215 - Connector Receptacle 30 Position 0.100" (2.54mm) Gold Through
Hole, Right Angle

Contact us: sales@integrated-circuit.com Website: www.integrated-circuit.com

Excellent Integrated System Limited

Stocking Distributor

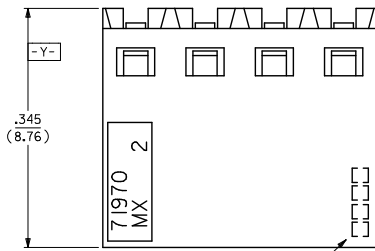
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Molex Connector Corporation](#)
[0719736215](#)

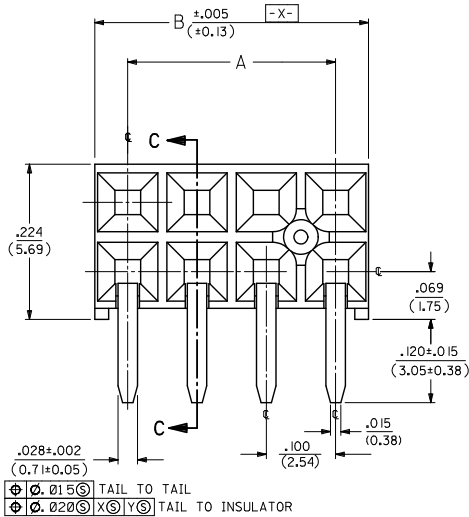
For any questions, you can email us directly:

sales@integrated-circuit.com

Contact us: sales@integrated-circuit.com Website: www.integrated-circuit.com



4 DIGIT DATE CODE
SEE NOTE 5



⊕ ⊕ .015 ⊕ TAIL TO TAIL
⊕ ⊕ .020 ⊕ X ⊕ Y ⊕ TAIL TO INSULATOR

OPTION "A" ASSEMBLY
STANDARD HOUSING

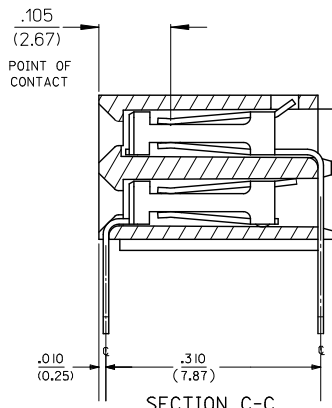
NOTE FOR LEAD FREE CONVERSION:

THE PRIMARY SHIPPING CARTON WILL BE LABELED "COMPLIANT TO ROHS DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC". CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH LEAD.

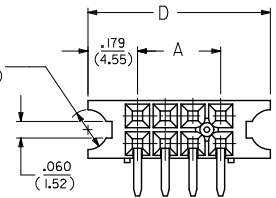
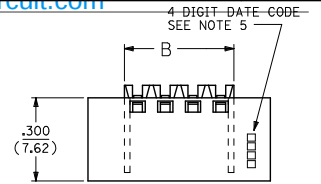
- NOTES:**
- 1.) MATERIAL-
INSULATOR - LCP, UL 94V-0, COLOR BLACK
CONTACTS - PHOSPHOR BRONZE
 - 2.) SEE SHT. 5 & 6 FOR CHART DIMENSIONS AND EDP NO.'S
 - 3.) RECOMMENDED MATING PIN LENGTH:
LOWER ROW - .200" MIN., .285" MAX.
UPPER ROW - .200" MIN.
 - 4.) REFER TO PRODUCT SPECIFICATION PS-71973-9999 FOR PERFORMANCE DATA
 - 5.) MANUFACTURED DATE CODE - YEAR, WEEK.
 - 6.) PACKAGING: FOR THIS PRODUCT IN TUBES SEE SHT. 6 & 7
FOR THIS PRODUCT IN TRAYS SEE SHT. 8 & 9

FINISHES

- 15 GOLD .000015 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000075 MINIMUM TIN PLATE IN SELECT AREA.
- 30 GOLD .000030 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000075 MINIMUM TIN PLATE IN SELECT AREA.
- 50 GOLD .000050 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000100 MINIMUM TIN PLATE IN SELECT AREA.



SECTION C-C



OPTION "B" ASSEMBLY

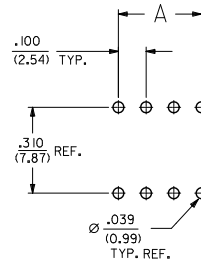
STD. HOUSING W/MOUNTING EARS

SCALE 4:1

REFER TO OPT. A FOR ALL OTHER INFORMATION

OPTION "J" ASSEMBLY

OPTION "J" IS THE SAME AS OPTION "B" EXCEPT DATE CODE IS NOT STAMPED ON HOUSING.



RECOMMENDED P.C.B.
LAYOUT

ADD OPTION K & L		QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
EC NO.	DATE		mm	INCH	IN/MM	DATE			
02010-0534	2009/12/30	✓=0	4 PLACES	±---	DJB	1991/10/21	NTS	INCH	
02010-0534	2010/01/08	✓=0	3 PLACES	±---	DJB	1991/10/21			
02010-0534	2010/01/14	✓=0	2 PLACES	±0.25	DJB	1991/10/21			
02010-0534	2010/01/14	✓=0	1 PLACE	±---	DJB	1991/10/21			
			ANGULAR ±1/2°		APPROVED BY				
			DRAFT WHERE APPLICABLE		DATE				
			MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.				
					SEE TABLE				
					THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

EARLY ENTRY R/A RECP
.120"PC TAIL W/O LOWER
ROW PINSTOP-.100" GRID



MOLEX INCORPORATED

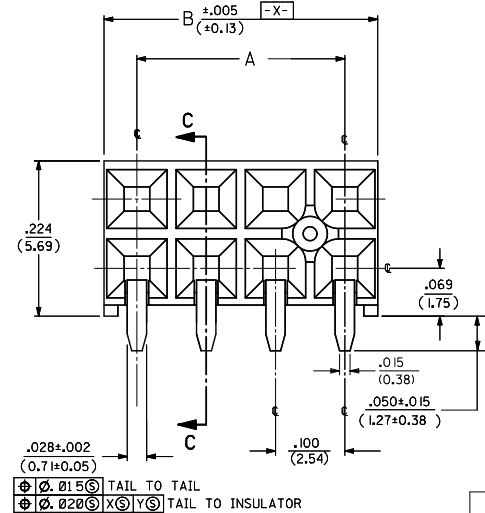
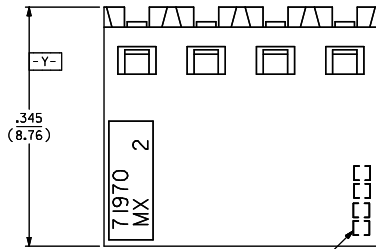
DOCUMENT NO.

SDA-71973-****

SHEET NO.

1 OF 26

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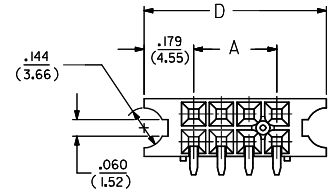
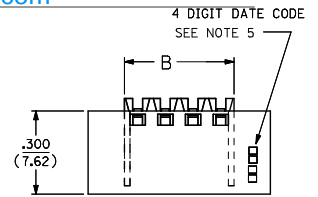
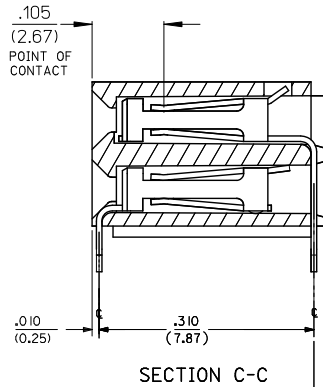


NOTES:

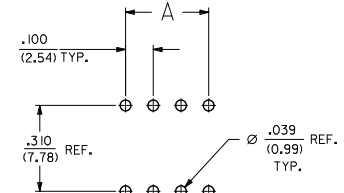
- 1.) MATERIAL -
INSULATOR - LCP, UL 94V-0, COLOR BLACK
CONTACTS - PHOSPHOR BRONZE
- 2.) SEE SHT. 9 & 10 FOR CHART DIMENSIONS AND EDP NO.'S
- 3.) RECOMMENDED MATING PIN LENGTH:
LOWER ROW - .200" MIN., .285" MAX.
UPPER ROW - .200" MIN.
- 4.) REFER TO PRODUCT SPECIFICATION PS-71973-9999 FOR PERFORMANCE DATA
- 5.) MANUFACTURED DATE CODE - YEAR, WEEK.
- 6.) PACKAGING: FOR THIS PRODUCT IN TUBES SEE SHT. 10 & 11 FOR THIS PRODUCT IN TRAYS SEE SHT. 12 & 13

FINISHES

- 15 GOLD .000015 MINIMUM GOLD PLATE IN SELECT AREA OVER .000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH .000075 MINIMUM TIN PLATE IN SELECT AREA.
- 30 GOLD .000030 MINIMUM GOLD PLATE IN SELECT AREA OVER .000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH .000075 MINIMUM TIN PLATE IN SELECT AREA.
- 50 GOLD .000050 MINIMUM GOLD PLATE IN SELECT AREA OVER .000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH .000100 MINIMUM TIN PLATE IN SELECT AREA.



OPTION "D" ASSEMBLY
STD. HOUSING W/MOUNTING EARS
SCALE 4:1
REFER TO OPT. C FOR ALL OTHER INFORMATION



RECOMMENDED P.C.B. LAYOUT

OPTION "C" ASSEMBLY
STANDARD HOUSING

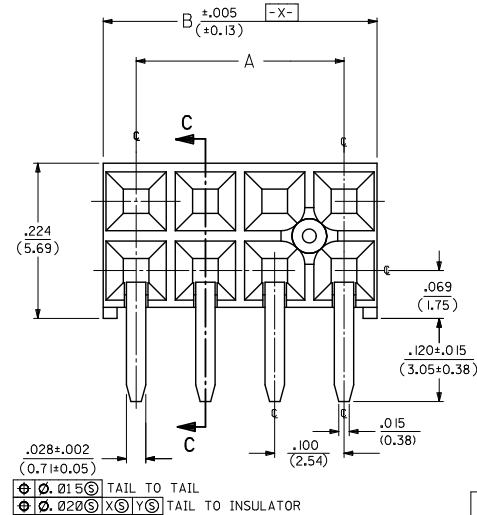
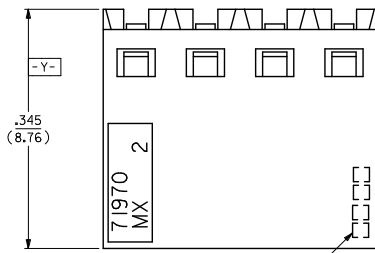
NOTE FOR LEAD FREE CONVERSION:
THE PRIMARY SHIPPING CARTON WILL BE LABELED "COMPLIANT TO ROHS DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC". CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH LEAD.

ib_frame_A3_P_AM_T
Rev. F 2009/06/16

ADD OPTION K & L		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
EC NO: 52010-0534		DESCRIPTION				IN/MM		NTS		INCH			
DRWNSKING 2009/12/30		▽=0		mm INCH		DRAWN BY DATE		TITLE		EARLY ENTRY R/A RECP			
CHKD/ATSEE 2010/01/08		▽=0		4 PLACES ± --- ± ---		DJB 1991/10/21		CHECKED BY DATE		.120"PC TAIL W/O LOWER			
APPR:MLONG 2010/01/14		▽=0		3 PLACES ± --- ± .010		DJB 1991/10/21		APPROVED BY DATE		ROW PINSTOP-.100" GRID			
		▽=0		2 PLACES ± 0.25 ± ---		MLONG 2010/01/14		MOLEX INCORPORATED					
				1 PLACE ± --- ± ---									
				ANGULAR ±1/2°									
				DRAFT WHERE APPLICABLE		MATERIAL NO.		DOCUMENT NO.		SDA-71973-****		SHEET NO.	
				MUST REMAIN		SEE TABLE						2 OF 26	
				WITHIN DIMENSIONS		SIZE A3							

SHEET NO.
2 OF 26

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⊕ .015 ⊕ TAIL TO TAIL
⊕ .020 ⊕ X ⊕ Y ⊕ TAIL TO INSULATOR

OPTION "E" ASSEMBLY
STANDARD HOUSING

NOTE FOR LEAD FREE CONVERSION:

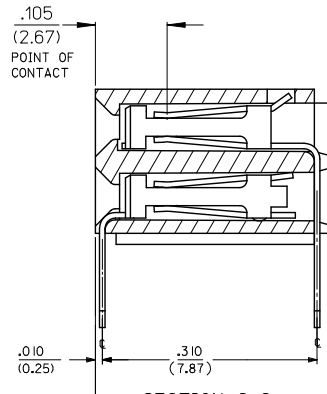
THE PRIMARY SHIPPING CARTON WILL BE LABELED "COMPLIANT TO ROHS DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC". CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH LEAD.

NOTES:

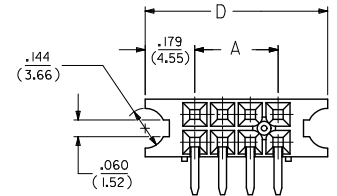
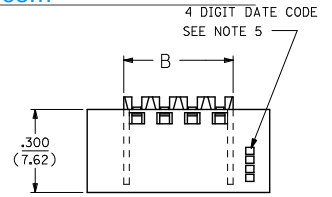
- 1.) MATERIAL - INSULATOR - LCP, UL 94V-0, COLOR BLACK
CONTACTS - PHOSPHOR BRONZE
- 2.) SEE SHT. 13 & 14 FOR CHART DIMENSIONS AND EDP NO.'S
- 3.) RECOMMENDED MATING PIN LENGTH:
LOWER ROW - .200" MIN., .250" MAX.
UPPER ROW - .200" MIN.
- 4.) REFER TO PRODUCT SPECIFICATION PS-71973-9999 FOR PERFORMANCE DATA
- 5.) MANUFACTURED DATE CODE - YEAR, WEEK.
- 6.) PACKAGING: FOR THIS PRODUCT IN TUBES SEE SHT. 14 & 15
FOR THIS PRODUCT IN TRAYS SEE SHT. 16 & 17

FINISHES

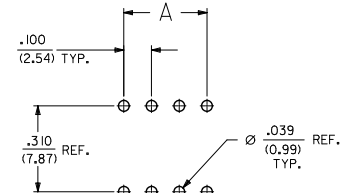
- 15 GOLD .000015 MINIMUM GOLD PLATE IN SELECT AREA OVER .000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH .000075 MINIMUM TIN PLATE IN SELECT AREA.
- 30 GOLD .000030 MINIMUM GOLD PLATE IN SELECT AREA OVER .000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH .000075 MINIMUM TIN PLATE IN SELECT AREA.
- 50 GOLD .000050 MINIMUM GOLD PLATE IN SELECT AREA OVER .000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH .000100 MINIMUM TIN PLATE IN SELECT AREA.



SECTION C-C



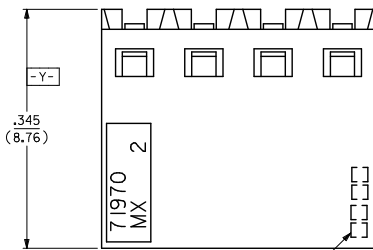
OPTION "F" ASSEMBLY
STD. HOUSING W/MOUNTING EARS
AND LOWER ROW PINSTOP
SCALE 4:1
REFER TO OPT. E FOR ALL OTHER INFORMATION



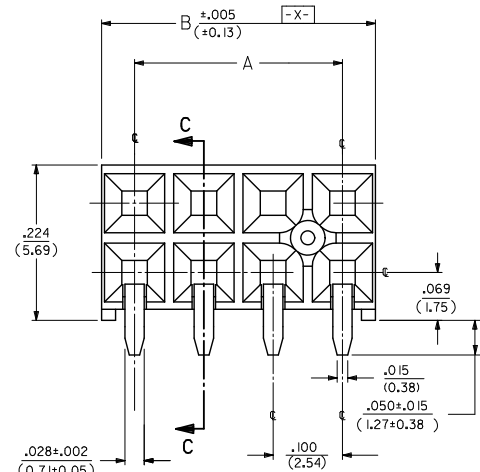
RECOMMENDED P.C.B. LAYOUT

ADD OPTION K & L EC NO: SZ010-0534. 2009/12/30 DRUNKSANG 2010/01/08 CHKDASEE 2010/01/14 APPR:MLONG	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE NTS	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
				mm	INCH	DRAWN BY DJB	DATE 1991/10/21	TITLE EARLY ENTRY R/A RECPT .120"PC TAIL W/O LOWER ROW PINSTOP-.100" GRID	
			4 PLACES ± --- ± ---		CHECKED BY DJB	DATE 1991/10/21			
			3 PLACES ± --- ± .010		APPROVED BY MLONG	DATE 2010/01/14			
			2 PLACES ± 0.25 ± ---		MOLEX INCORPORATED				
			1 PLACE ± --- ± ---		MOLEX INCORPORATED				
			ANGULAR ± 1/2°						
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE TABLE		DOCUMENT NO. SDA-71973-****		SHEET NO. 3 OF 26
					SIZE 3 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

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4 DIGIT DATE CODE
SEE NOTE 5



⊕ .015 ⊕ TAIL TO TAIL
⊕ .020 ⊕ X ⊕ Y ⊕ TAIL TO INSULATOR

OPTION "G" ASSEMBLY
STANDARD HOUSING

NOTE FOR LEAD FREE CONVERSION:

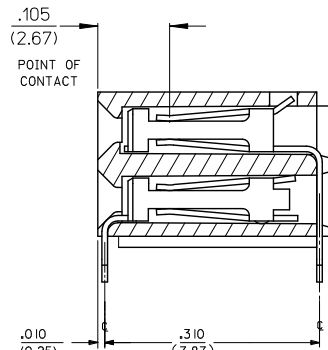
THE PRIMARY SHIPPING CARTON WILL BE LABELED "COMPLIANT TO ROHS DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC". CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH LEAD.

NOTES:

- 1.) MATERIAL -
INSULATOR - LCP, UL 94V-0, COLOR BLACK
CONTACTS - PHOSPHOR BRONZE
- 2.) SEE SHT. 17 & 18 FOR CHART DIMENSIONS AND EDP NO.'S
- 3.) RECOMMENDED MATING PIN LENGTH:
LOWER ROW - .200" MIN., .250" MAX.
UPPER ROW - .200" MIN.
- 4.) REFER TO PRODUCT SPECIFICATION PS-71973-9999 FOR PERFORMANCE DATA
- 5.) MANUFACTURED DATE CODE - YEAR, WEEK.
- 6.) PACKAGING: FOR THIS PRODUCT IN TUBES SEE SHT. 18 & 19
FOR THIS PRODUCT IN TRAYS SEE SHT. 20 & 21

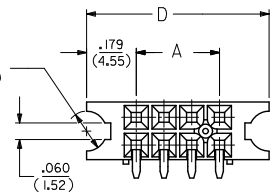
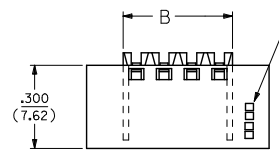
FINISHES

- 15 GOLD .000015 MINIMUM GOLD PLATE IN SELECT AREA OVER .000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH .000075 MINIMUM TIN PLATE IN SELECT AREA.
- 30 GOLD .000030 MINIMUM GOLD PLATE IN SELECT AREA OVER .000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH .000075 MINIMUM TIN PLATE IN SELECT AREA.
- 50 GOLD .000050 MINIMUM GOLD PLATE IN SELECT AREA OVER .000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH .000100 MINIMUM TIN PLATE IN SELECT AREA.



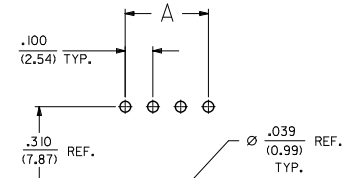
SECTION C-C

4 DIGIT DATE CODE
SEE NOTE 5



OPTION "H" ASSEMBLY
STD. HOUSING W/MOUNTING EARS
AND LOWER PINSTOP
SCALE 4:1

REFER TO OPT. G FOR ALL OTHER INFORMATION



RECOMMENDED P.C.B. LAYOUT

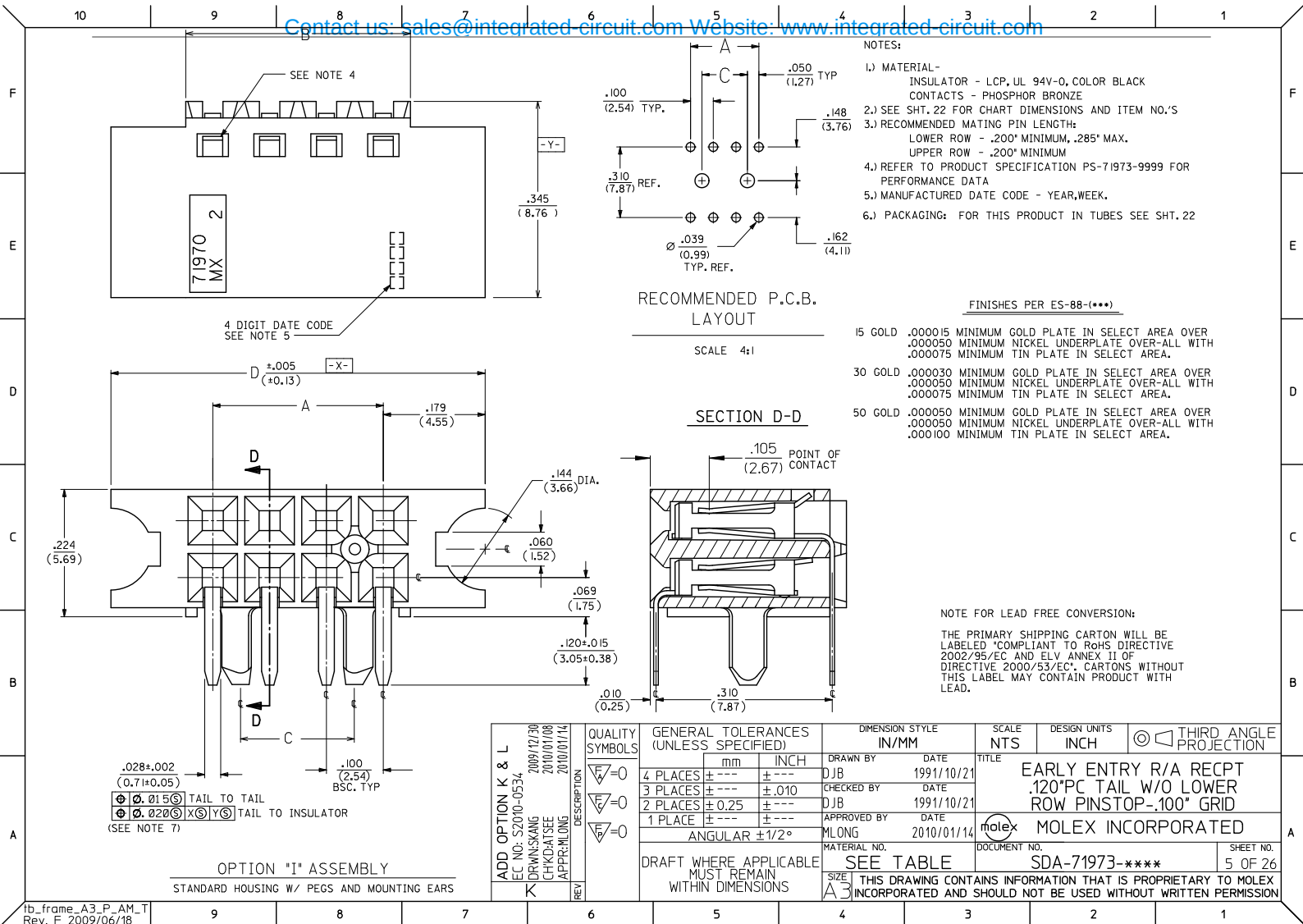
ADD OPTION K & L		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
EC NO.	DATE	DESCRIPTION	REV	mm	INCH	IN/MM	DATE	NTS	INCH	INCH	INCH	INCH	INCH
ADD OPTION K & L	2009/12/30	DRWN:SKANG	2010/01/08	4 PLACES	± .010	± .010	1991/10/21						
EC NO. S2010-0534	2010/01/08	CHK:DATSEE	2010/01/14	3 PLACES	± .025	± .025	1991/10/21						
		APPR:MLONG		2 PLACES	± .050	± .050	1991/10/21						
				1 PLACE	± .100	± .100	1991/10/21						
				ANGULAR ± 1/2°									
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									
				SEE TABLE									
				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									

EARLY ENTRY R/A RECPT
.120" PC TAIL W/O LOWER
ROW PINSTOP-.100" GRID
MOLEX INCORPORATED

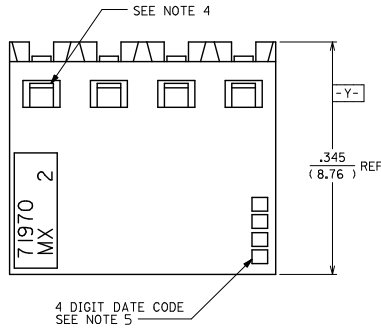


DOCUMENT NO. SDA-71973-****
SHEET NO. 4 OF 26

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FINISHES

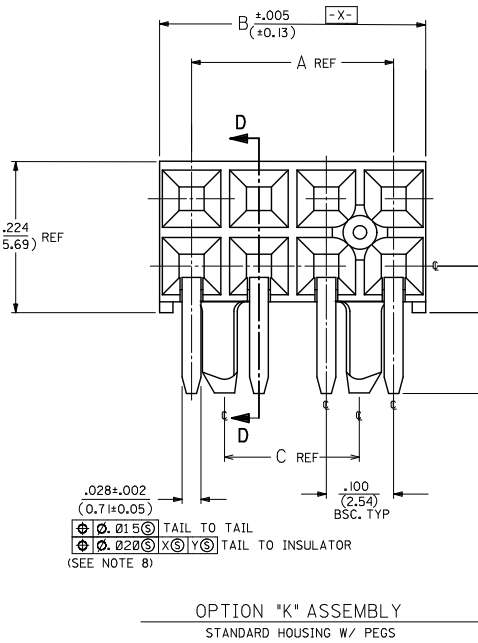
15 GOLD .000015 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000075 MINIMUM TIN PLATE IN SELECT AREA.

30 GOLD .000030 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000075 MINIMUM TIN PLATE IN SELECT AREA.

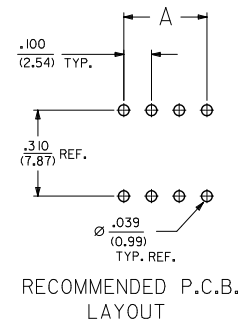
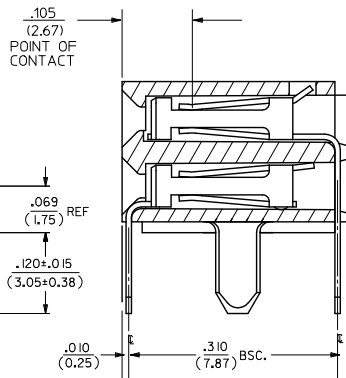
50 GOLD .000050 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000100 MINIMUM TIN PLATE IN SELECT AREA.

NOTES:

- 1.) MATERIAL -
INSULATOR - LCP, UL 94V-0, COLOR BLACK
CONTACTS - PHOSPHOR BRONZE
- 2.) SEE SHT. 25 FOR CHART DIMENSIONS AND ITEM NO.'S
- 3.) RECOMMENDED MATING PIN LENGTH:
LOWER ROW - .200" MINIMUM, .285" MAX.
UPPER ROW - .200" MINIMUM
- 4.) REFER TO PRODUCT SPECIFICATION PS-71973-9999 FOR PERFORMANCE DATA
- 5.) MANUFACTURED DATE CODE - YEAR, WEEK.
- 6.) PACKAGING: FOR THIS PRODUCT IN TUBES SEE SHT. 25

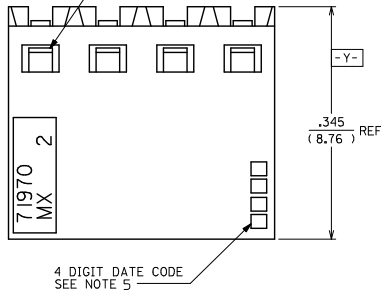


SECTION D-D



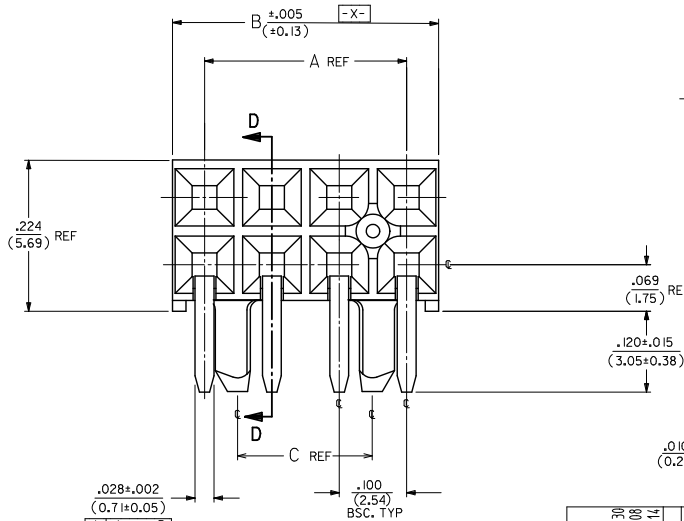
ADD OPTION K & L		QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
EC NO.	DATE		mm	INCH	IN/MM	DATE			
2009/12/30	2009/12/30	✓=0	4 PLACES ±---	±---	DJB	1991/10/21	NTS	INCH	EARLY ENTRY R/A RECPT .120"PC TAIL W/O LOWER ROW PINSTOP-.100" GRID MOLEX INCORPORATED
2010/01/08	2010/01/08	✓=0	3 PLACES ±---	±.010	CHECKED BY	DATE			
2010/01/14	2010/01/14	✓=0	2 PLACES ±.025	±---	DJB	1991/10/21			
		✓=0	1 PLACE ±---	±---	APPROVED BY	DATE			
DRAWN:SKANG			ANGULAR ±1/2°		MLONG	2010/01/14			SDA-71973-****
CHKD:ATSEE			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.				
APPR:MLONG					SEE TABLE				SHEET NO.
					THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				6 OF 26

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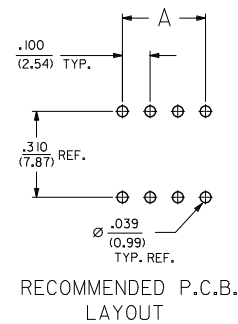
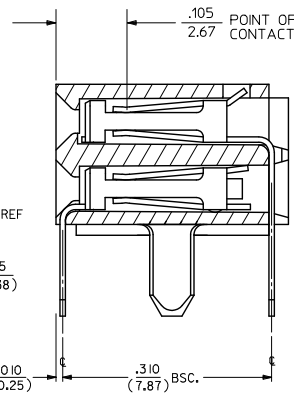


- FINISHES**
- 15 GOLD .000015 MINIMUM GOLD PLATE IN SELECT AREA OVER .000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH .000075 MINIMUM TIN PLATE IN SELECT AREA.
- 30 GOLD .000030 MINIMUM GOLD PLATE IN SELECT AREA OVER .000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH .000075 MINIMUM TIN PLATE IN SELECT AREA.
- 50 GOLD .000050 MINIMUM GOLD PLATE IN SELECT AREA OVER .000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH .000100 MINIMUM TIN PLATE IN SELECT AREA.

- NOTES:**
- 1.) MATERIAL -
INSULATOR - LCP, UL 94V-0, COLOR BLACK
CONTACTS - PHOSPHOR BRONZE
 - 2.) SEE SHT. 22 FOR CHART DIMENSIONS AND ITEM NO.'S
 - 3.) RECOMMENDED MATING PIN LENGTH:
LOWER ROW - .200" MINIMUM, .250" MAX.
UPPER ROW - .200" MINIMUM
 - 4.) REFER TO PRODUCT SPECIFICATION PS-71973-9999 FOR PERFORMANCE DATA
 - 5.) MANUFACTURED DATE CODE - YEAR, WEEK.
 - 6.) PACKAGING: FOR THIS PRODUCT IN TUBES SEE SHT. 26



SECTION D-D



- ⊕ .015 ⊕ TAIL TO TAIL
⊕ .020 ⊕ X ⊕ Y ⊕ TAIL TO INSULATOR
(SEE NOTE 8)

ADD OPTION K & L		DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
EC NO.	DATE			mm	INCH	IN/MM	DATE	NTS	INCH		
EC NO: S2010-0534	2009/12/30	DRAWN:SKMG 2010/01/08 CHKD:ATSEE APPR:MLONG	▽=0	4 PLACES ±---	±---	DJB	1991/10/21	TITLE	EARLY ENTRY R/A RECPT .120"PC TAIL W/O LOWER ROW PINSTOP-.100" GRID		
			▽=0	3 PLACES ±---	±.010	CHECKED BY	DATE				
			▽=0	2 PLACES ±0.25	±---	DJB	1991/10/21				
			▽=0	1 PLACE ±---	±---	APPROVED BY	DATE				
				ANGULAR ±1/2°		MLONG	2010/01/14		MOLEX INCORPORATED		
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
						SEE TABLE		SDA-71973-****		7 OF 26	
				SIZE A THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							



1										2										3										4										5										6										7										8										9										10									
NO. OF CKTS										OPTION A ASSEMBLY PACKAGED IN TUBES PER PK-70873-0138 (SEE SHEET 1 FOR FINISH SPECIFICATIONS)										DIMENSION										NO. OF CKTS										OPTION A ASSEMBLY PACKAGED IN TUBES PER PK-70873-0138 (SEE SHEET 1 FOR FINISH SPECIFICATIONS)										DIMENSION																																																	
PER ROW TOTAL										I5 GOLD 30 GOLD 50 GOLD										A B										PER ROW TOTAL										I5 GOLD 30 GOLD 50 GOLD										A B																																																	
4 8										71973-0204 71973-0304 71973-0404										.300 (7.62) .395 (10.03)										33 66										71973-0233 71973-0333 71973-0433										3.200 (81.28) 3.295 (83.69)																																																	
5 10										71973-0205 71973-0305 71973-0405										.400 (10.16) .495 (12.57)										34 68										71973-0234 71973-0334 71973-0434										3.300 (83.82) 3.395 (86.23)																																																	
6 12										71973-0206 71973-0306 71973-0406										.500 (12.70) .595 (15.11)										35 70										71973-0235 71973-0335 71973-0435										3.400 (86.36) 3.495 (88.71)																																																	
7 14										71973-0207 71973-0307 71973-0407										.600 (15.24) .695 (17.65)										36 72										71973-0236 71973-0336 71973-0436										3.500 (88.90) 3.595 (91.31)																																																	
8 16										71973-0208 71973-0308 71973-0408										.700 (17.78) .795 (20.19)																																																																															
9 18										71973-0209 71973-0309 71973-0409										.800 (20.32) .895 (22.73)																																																																															
10 20										71973-0210 71973-0310 71973-0410										.900 (22.86) .995 (25.27)																																																																															
11 22										71973-0211 71973-0311 71973-0411										1.000 (25.40) 1.095 (27.81)																																																																															
12 24										71973-0212 71973-0312 71973-0412										1.100 (27.94) 1.195 (30.35)																																																																															
13 26										71973-0213 71973-0313 71973-0413										1.200 (30.48) 1.295 (32.89)																																																																															
14 28										71973-0214 71973-0314 71973-0414										1.300 (33.02) 1.395 (35.43)																																																																															
15 30										71973-0215 71973-0315 71973-0415										1.400 (35.56) 1.495 (37.97)																																																																															
16 32										71973-0216 71973-0316 71973-0416										1.500 (38.10) 1.595 (40.51)																																																																															
17 34										71973-0217 71973-0317 71973-0417										1.600 (40.64) 1.695 (43.05)																																																																															
18 36										71973-0218 71973-0318 71973-0418										1.700 (43.18) 1.795 (45.59)																																																																															
19 38										71973-0219 71973-0319 71973-0419										1.800 (45.72) 1.895 (48.13)																																																																															
20 40										71973-0220 71973-0320 71973-0420										1.900 (48.26) 1.995 (50.67)																																																																															
21 42										71973-0221 71973-0321 71973-0421										2.000 (50.80) 2.095 (53.21)																																																																															
22 44										71973-0222 71973-0322 71973-0422										2.100 (53.34) 2.195 (55.75)																																																																															
23 46										71973-0223 71973-0323 71973-0423										2.200 (55.88) 2.295 (58.29)																																																																															
24 48										71973-0224 71973-0324 71973-0424										2.300 (58.42) 2.395 (60.83)																																																																															
25 50										71973-0225 71973-0325 71973-0425										2.400 (60.96) 2.495 (63.37)																																																																															
26 52										71973-0226 71973-0326 71973-0426										2.500 (63.50) 2.595 (65.91)																																																																															
27 54										71973-0227 71973-0327 71973-0427										2.600 (66.04) 2.695 (68.45)																																																																															
28 56										71973-0228 71973-0328 71973-0428										2.700 (68.58) 2.795 (70.99)																																																																															
29 58										71973-0229 71973-0329 71973-0429										2.800 (71.12) 2.895 (73.53)																																																																															
30 60										71973-0230 71973-0330 71973-0430										2.900 (73.66) 2.995 (76.07)																																																																															
31 62										71973-0231 71973-0331 71973-0431										3.000 (76.20) 3.095 (78.61)																																																																															
32 64										71973-0232 71973-0332 71973-0432										3.100 (78.74) 3.195 (81.15)																																																																															
ADD OPTION K & L EC NO: S2010-																																																																																																			

[illegible]

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10										9										8										7										6										5										4										3										2										1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
NO. OF CKTS										OPTION A ASSEMBLY PACKAGED IN TRAYS PER PK-70873-0239 (SEE SHEET 1 FOR FINISH SPECIFICATIONS)										DIMENSION										NO. OF CKTS										OPTION A ASSEMBLY PACKAGED IN TRAYS PER PK-70873-0239 (SEE SHEET 1 FOR FINISH SPECIFICATIONS)										DIMENSION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
PER ROW TOTAL										15 GOLD 30 GOLD 50 GOLD										A B										PER ROW TOTAL										15 GOLD 30 GOLD 50 GOLD										A B																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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Rev. F 2009/06/18

ADD OPTION K & L			
EC NO. S2010-0534	2009/12/30	2010/01/08	2010/07/14
CHKD:SKM	CHKD:ATSEE	APPR:MLONG	REV
QUALITY SYMBOLS			
$\nabla=0$ $\nabla=0$ $\nabla=0$			

GENERAL TOLERANCES (UNLESS SPECIFIED)			
	mm	INCH	
4 PLACES	±---	±---	
3 PLACES	±---	±.010	
2 PLACES	±0.25	±---	
1 PLACE	±---	±---	
ANGULAR ±1/2°			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			
DIMENSION STYLE			
IN/MM			
DRAWN BY	DATE	TITLE	
DJB	1991/10/21	EARLY ENTRY R/A RECP	
CHECKED BY	DATE	.120"PC TAIL W/O LOWER	
DJB	1991/10/21	ROW PINSTOP-.100" GRID	
APPROVED BY	DATE	MOLEX INCORPORATED	
MLONG	2010/01/14	MOLEX INCORPORATED	
MATERIAL NO.	DOCUMENT NO.	SDA-71973-****	SHEET NO.
SEE TABLE			10 OF 26
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			



10			9			8			7			6			5			4			3			2			1											
NO. OF CKTS			OPTION B ASSEMBLY PACKAGED IN TRAYS PER PK-70873-0239 (SEE SHEET 1 FOR FINISH SPECIFICATIONS)						DIMENSION						NO. OF CKTS			OPTION A ASSEMBLY PACKAGED IN TRAYS PER PK-70873-0239 (SEE SHEET 1 FOR FINISH SPECIFICATIONS)						DIMENSION														
			A			B			D			A						B			D																	
PER ROW	TOTAL		I5 GOLD			30 GOLD			50 GOLD						I5 GOLD			30 GOLD			50 GOLD						A			B			D					
4	8		71973-7004			71973-7104			71973-7204						71973-7033			71973-7133			71973-7233						3.200 (81.28)			3.295 (83.69)			3.558 (90.37)					
5	10		71973-7005			71973-7105			71973-7205						71973-7034			71973-7134			71973-7234						3.300 (83.82)			3.395 (86.23)			3.658 (92.91)					
6	12		71973-7006			71973-7106			71973-7206						71973-7035			71973-7135			71973-7235						3.400 (86.36)			3.495 (88.77)			3.758 (95.45)					
7	14		71973-7007			71973-7107			71973-7207						71973-7036			71973-7136			71973-7236						3.500 (88.90)			3.595 (91.31)			3.858 (97.99)					
8	16		71973-7008			71973-7108			71973-7208																													
9	18		71973-7009			71973-7109			71973-7209																													
10	20		71973-7010			71973-7110			71973-7210																													
11	22		71973-7011			71973-7111			71973-7211																													
12	24		71973-7012			71973-7112			71973-7212																													
13	26		71973-7013			71973-7113			71973-7213																													
14	28		71973-7014			71973-7114			71973-7214																													
15	30		71973-7015			71973-7115			71973-7215																													
16	32		71973-7016			71973-7116			71973-7216																													
17	34		71973-7017			71973-7117			71973-7217																													
18	36		71973-7018			71973-7118			71973-7218																													
19	38		71973-7019			71973-7119			71973-7219																													
20	40		71973-7020			71973-7120			71973-7220																													
21	42		71973-7021			71973-7121			71973-7221																													
22	44		71973-7022			71973-7122			71973-7222																													
23	46		71973-7023			71973-7123			71973-7223																													
24	48		71973-7024			71973-7124			71973-7224																													
25	50		71973-7025			71973-7125			71973-7225																													
26	52		71973-7026			71973-7126			71973-7226																													
27	54		71973-7027			71973-7127			71973-7227																													
28	56		71973-7028			71973-7128																																

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Rev. F 2009/06/18



10										9										8										7										6										5										4										3										2										1									
NO. OF CKTS										OPTION C ASSEMBLY PACKAGED IN TUBES PER PK-70873-0138 (SEE SHEET 1 FOR FINISH SPECIFICATIONS)										DIMENSION										NO. OF CKTS										OPTION C ASSEMBLY PACKAGED IN TUBES PER PK-70873-0138 (SEE SHEET 1 FOR FINISH SPECIFICATIONS)										DIMENSION																																																	
PER ROW TOTAL										IS GOLD 30 GOLD 50 GOLD										A B										PER ROW TOTAL										IS GOLD 30 GOLD 50 GOLD										A B																																																	
4 8										X 71973-1804 X 71973-1904 X 71973-2004										.300 (.162) .395 (10.03)										33 66										X 71973-1833 X 71973-1933 X 71973-2033										3.200 (81.28) 3.295 (83.69)																																																	
5 10										X 71973-1805 X 71973-1905 X 71973-2005										.400 (.16) .495 (12.57)										34 68										X 71973-1834 X 71973-1934 X 71973-2034										3.300 (83.82) 3.395 (86.23)																																																	
6 12										X 71973-1806 X 71973-1906 X 71973-2006										.500 (12.70) .595 (15.11)										35 70										X 71973-1835 X 71973-1935 X 71973-2035										3.400 (86.36) 3.495 (88.77)																																																	
7 14										X 71973-1807 X 71973-1907 X 71973-2007										.600 (15.24) .695 (17.63)										36 72										X 71973-1836 X 71973-1936 X 71973-2036										3.500 (88.90) 3.595 (91.31)																																																	
8 16										X 71973-1808 X 71973-1908 X 71973-2008										.700 (17.78) .795 (20.19)																																																																															
9 18										X 71973-1809 X 71973-1909 X 71973-2009										.800 (20.32) .895 (22.73)																																																																															
10 20										X 71973-1810 X 71973-1910 X 71973-2010										.900 (22.86) .995 (25.27)																																																																															
11 22										X 71973-1811 X 71973-1911 X 71973-2011										1.000 (25.40) 1.095 (27.81)																																																																															
12 24										X 71973-1812 X 71973-1912 X 71973-2012										1.100 (27.94) 1.195 (30.35)																																																																															
13 26										X 71973-1813 X 71973-1913 X 71973-2013										1.200 (30.48) 1.295 (32.89)																																																																															
14 28										X 71973-1814 X 71973-1914 X 71973-2014										1.300 (33.02) 1.395 (35.43)																																																																															
15 30										X 71973-1815 X 71973-1915 X 71973-2015										1.400 (35.56) 1.495 (37.97)																																																																															
16 32										X 71973-1816 X 71973-1916 X 71973-2016										1.500 (38.10) 1.595 (40.51)																																																																															
17 34										X 71973-1817 X 71973-1917 X 71973-2017										1.600 (40.64) 1.695 (43.05)																																																																															
18 36										X 71973-1818 X 71973-1918 X 71973-2018										1.700 (43.18) 1.795 (45.59)																																																																															
19 38										X 71973-1819 X 71973-1919 X 71973-2019										1.800 (45.72) 1.895 (48.13)																																																																															
20 40										X 71973-1820 X 71973-1920 X 71973-2020										1.900 (48.26) 1.995 (50.67)																																																																															
21 42										X 71973-1821 X 71973-1921 X 71973-2021										2.000 (50.80) 2.095 (53.21)																																																																															
22 44										X 71973-1822 X 71973-1922 X 71973-2022										2.100 (53.34) 2.195 (55.75)																																																																															
23 46										X 71973-1823 X 71973-1923 X 71973-2023										2.200 (55.88) 2.295 (58.29)																																																																															
24 48										X 71973-1824 X 71973-1924 X 71973-2024										2.300 (58.42) 2.395 (60.83)																																																																															
25 50										X 71973-1825 X 71973-1925 X 71973-2025										2.400 (60.96) 2.495 (63.37)																																																																															
26 52										X 71973-1826 X 71973-1926 X 71973-2026										2.500 (63.50) 2.595 (65.91)																																																																															
27 54										X 71973-1827 X 71973-1927 X 71973-2027										2.600 (66.04) 2.695 (68.45)																																																																															
28 56										X 71973-1828 X 71973-1928 X 71973-2028										2.700 (68.58) 2.795 (70.99)																																																																															



'X' INDICATES TOOLING IS NOT AVAILABLE

[illegible]



Distributor of Molex Connector Corporation: Excellent Integrated System Limited
Datasheet of 0719736215 - Connector Receptacle 30 Position 0.100" (2.54mm) Gold Through Hole, Right Angle

Contact us: sales@integrated-circuit.com Website: www.integrated-circuit.com

10										9										8										7										6										5										4										3										2										1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
NO. OF CKTS		OPTION C ASSEMBLY PACKAGED IN TRAYS PER PK-70873-0239 (SEE SHEET 1 FOR FINISH SPECIFICATIONS)										DIMENSION										NO. OF CKTS		OPTION C ASSEMBLY PACKAGED IN TRAYS PER PK-70873-0239 (SEE SHEET 1 FOR FINISH SPECIFICATIONS)										DIMENSION										NO. OF CKTS		OPTION C ASSEMBLY PACKAGED IN TRAYS PER PK-70873-0239 (SEE SHEET 1 FOR FINISH SPECIFICATIONS)										DIMENSION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
PER ROW	TOTAL	IS GOLD			30 GOLD			50 GOLD			A	B	IS GOLD			30 GOLD			50 GOLD			A	B	IS GOLD			30 GOLD			50 GOLD			A	B	IS GOLD			30 GOLD			50 GOLD			A	B																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
4	8	71973-7404			71973-7504			71973-7604			.300 (7.62)	.395 (10.03)	71973-7433			71973-7533			71973-7633			3.200 (81.28)	3.295 (83.69)	71973-7434			71973-7534			71973-7634			3.300 (83.82)	3.395 (86.23)	71973-7435			71973-7535			71973-7635			3.400 (86.36)	3.495 (88.77)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
6	12	71973-7406			71973-7506			71973-7606			.400 (10.16)	.495 (12.57)	71973-7436			71973-7536			71973-7636			3.500 (88.90)	3.595 (91.31)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						



10		9		7		6		5		3		2		1					
NO. OF CKTS		OPTION D ASSEMBLY PACKAGED IN TRAYS PER PK-T0873-0239 (SEE SHEET 1 FOR FINISH SPECIFICATIONS)					DIMENSION			NO. OF CKTS		OPTION D ASSEMBLY PACKAGED IN TRAYS PER PK-T0873-0239 (SEE SHEET 1 FOR FINISH SPECIFICATIONS)					DIMENSION		
PER ROW	TOTAL			I5 GOLD	30 GOLD	50 GOLD	A	B	D	PER ROW	TOTAL			I5 GOLD	30 GOLD	50 GOLD	A	B	D
4	8			71973-7804	71973-7904	71973-8004	.300 (17.62)	.395 (10.03)	.658 (16.71)	33	66			71973-7833	71973-7933	71973-8033	3.200 (81.28)	3.295 (83.69)	3.558 (90.37)
5	10			71973-7805	71973-7905	71973-8005	.400 (10.16)	.495 (12.57)	.758 (19.25)	34	68			71973-7834	71973-7934	71973-8034	3.300 (83.82)	3.395 (86.23)	3.658 (92.91)
6	12			71973-7806	71973-7906	71973-8006	.500 (12.70)	.595 (15.11)	.858 (21.79)	35	70			71973-7835	71973-7935	71973-8035	3.400 (86.36)	3.495 (88.77)	3.758 (95.45)
7	14			71973-7807	71973-7907	71973-8007	.600 (15.24)	.695 (17.65)	.958 (24.33)	36	72			71973-7836	71973-7936	71973-8036	3.500 (88.90)	3.595 (91.31)	3.858 (97.99)
8	16			71973-7808	71973-7908	71973-8008	.700 (17.78)	.795 (20.19)	1.058 (26.87)										
9	18			71973-7809	71973-7909	71973-8009	.800 (20.32)	.895 (22.73)	1.158 (29.41)										
10	20			71973-7810	71973-7910	71973-8010	.900 (22.86)	.995 (25.27)	1.258 (31.95)										
11	22			71973-7811	71973-7911	71973-8011	1.000 (25.40)	1.095 (27.81)	1.358 (34.49)										
12	24			71973-7812	71973-7912	71973-8012	1.100 (27.94)	1.195 (30.35)	1.458 (37.03)										
13	26			71973-7813	71973-7913	71973-8013	1.200 (30.48)	1.295 (32.89)	1.558 (39.57)										
14	28			71973-7814	71973-7914	71973-8014	1.300 (33.02)	1.395 (35.43)	1.658 (42.11)										
15	30			71973-7815	71973-7915	71973-8015	1.400 (35.56)	1.495 (37.97)	1.758 (44.65)										
16	32			71973-7816	71973-7916	71973-8016	1.500 (38.10)	1.595 (40.51)	1.858 (47.19)										
17	34			71973-7817	71973-7917	71973-8017	1.600 (40.64)	1.695 (43.05)	1.958 (49.73)										
18	36			71973-7818	71973-7918	71973-8018	1.700 (43.18)	1.795 (45.59)	2.058 (52.27)										
19	38			71973-7819	71973-7919	71973-8019	1.800 (45.72)	1.895 (48.13)	2.158 (54.81)										
20	40			71973-7820	71973-7920	71973-8020	1.900 (48.26)	1.995 (50.67)	2.258 (57.35)										
21	42			71973-7821	71973-7921	71973-8021	2.000 (50.80)	2.095 (53.21)	2.358 (59.89)										
22	44			71973-7822															

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OPTION E-ASSEMBLY										OPTION E-ASSEMBLY									
PACKAGED IN TUBES PER PK-70873-0138										PACKAGED IN TUBES PER PK-70873-0138									
(SEE SHEET 1 FOR FINISH SPECIFICATIONS)										(SEE SHEET 1 FOR FINISH SPECIFICATIONS)									
DIMENSION										DIMENSION									
A B										A B									
NO. OF CKTS	PER ROW	TOTAL	IS GOLD	30 GOLD	50 GOLD					NO. OF CKTS	PER ROW	TOTAL	IS GOLD	30 GOLD	50 GOLD				
4	8		71973-3404	71973-3504	71973-3604	.300 (7.62)	.395 (10.03)			34	68		71973-3434	71973-3534	71973-3634	3.300 (83.82)	3.395 (86.23)		
5	10		71973-3405	71973-3505	71973-3605	.400 (10.16)	.495 (12.57)			35	70		71973-3435	71973-3535	71973-3635	3.400 (86.36)	3.495 (88.77)		
6	12		71973-3406	71973-3506	71973-3606	.500 (12.70)	.595 (15.11)			36	72		71973-3436	71973-3536	71973-3636	3.500 (88.90)	3.595 (91.31)		
7	14		71973-3407	71973-3507	71973-3607	.600 (15.24)	.695 (17.65)												
8	16		71973-3408	71973-3508	71973-3608	.700 (17.78)	.795 (20.19)												
9	18		71973-3409	71973-3509	71973-3609	.800 (20.32)	.895 (22.73)												
10	20		71973-3410	71973-3510	71973-3610	.900 (22.86)	.995 (25.27)												
11	22		71973-3411	71973-3511	71973-3611	1.000 (25.40)	1.095 (27.81)												
12	24		71973-3412	71973-3512	71973-3612	1.100 (27.94)	1.195 (30.35)												
13	26		71973-3413	71973-3513	71973-3613	1.200 (30.48)	1.295 (32.89)												
14	28		71973-3414	71973-3514	71973-3614	1.300 (33.02)	1.395 (35.43)												
15	30		71973-3415	71973-3515	71973-3615	1.400 (35.56)	1.495 (37.97)												
16	32		71973-3416	71973-3516	71973-3616	1.500 (38.10)	1.595 (40.51)												
17	34		71973-3417	71973-3517	71973-3617	1.600 (40.64)	1.695 (43.05)												
18	36		71973-3418	71973-3518	71973-3618	1.700 (43.18)	1.795 (45.59)												
19	38		71973-3419	71973-3519	71973-3619	1.800 (45.72)	1.895 (48.13)												
20	40		71973-3420	71973-3520	71973-3620	1.900 (48.26)	1.995 (50.67)												
21	42		71973-3421	71973-3521	71973-3621	2.000 (50.80)	2.095 (53.21)												
22	44		71973-3422	71973-3522	71973-3622	2.100 (53.34)	2.195 (55.75)												
23	46		71973-3423	71973-3523	71973-3623	2.200 (55.88)	2.295 (58.29)												
24	48		71973-3424	71973-3524	71973-3624	2.300 (58.42)	2.395 (60.83)												
25	50		71973-3425	71973-3525	71973-3625	2.400 (60.96)	2.495 (63.37)												
26	52		71973-3426	71973-3526	71973-3626	2.500 (63.50)	2.595 (65.91)												
27	54		71973-3427	71973-3527	71973-3627	2.600 (66.04)	2.695 (68.45)												
28	56		71973-3428	71973-3528	71973-3628	2.700 (68.58)	2.795 (70.99)												
29	58		71973-3429	71973-3529	71973-3629	2.800 (71.12)	2.895 (73.53)												
30	60		71973-3430	71973-3530	71973-3630	2.900 (73.66)	2.995 (76.07)												
31	62		71973-3431	71973-3531	71973-3631	3.000 (76.20)	3.095 (78.61)												
32	64		71973-3432	71973-3532	71973-3632	3.100 (78.74)	3.195 (81.15)												
33	66		71973-3433	71973-3533	71973-3633	3.200 (81.28)	3.295 (83.69)												

X INDICATES TOOLING IS NOT AVAILABLE

ADD OPTION K & L
 EC NO. S2010-0534
 2009/12/30
 2010/01/08
 2010/07/14
 K DRW:SKMG
 CHK:ATSEE
 APPR:MLONG
 REV

QUALITY SYMBOLS
 = 0
 = 0
 = 0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± .005	± .0004
3 PLACES	± .005	± .0004
2 PLACES	± .005	± .0004
1 PLACE	± .005	± .0004

 ANGULAR ± 1/2°
 DRAFT WHERE APPLICABLE
 MUST REMAIN
 WITHIN DIMENSIONS

DIMENSION STYLE
 IN/MM
 DRAWN BY DATE
 DJB 1991/10/21
 CHECKED BY DATE
 DJB 1991/10/21
 APPROVED BY DATE
 MLONG 2010/01/14
 MATERIAL NO.
 SEE TABLE
 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

SCALE
 NTS
 DESIGN UNITS
 INCH
 THIRD ANGLE PROJECTION
 TITLE
 EARLY ENTRY R/A RECP
 .120"PC TAIL W/O LOWER
 ROW PINSTOP-.100" GRID
 MOLEX INCORPORATED
 DOCUMENT NO.
 SDA-71973-****
 SHEET NO.
 16 OF 26



"X" INDICATES TOOLING IS NOT AVAILABLE.

tb_frame_A3_P_AM_T
Rev. F 2009/06/18

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X INDICATES TOOLING IS NOT AVAILABLE.

ADD OPTION K & L		QUALITY SYMBOLS	
EC NO. S2010-0534	2009/12/30	✓=0	
CHKD:SKANG	2010/01/08	✓=0	
CHKD:ATSEE	2010/01/14	✓=0	
APPR:MLONG			
REV			

GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
		mm	INCH	IN/MM	DATE	INCH	DATE		
4 PLACES	± ---	± ---	± ---	DRAWN BY	1991/10/21			EARLY ENTRY R/A RECPT .120"PC TAIL W/O LOWER ROW PINSTOP-.100" GRID MOLEX INCORPORATED	
3 PLACES	± ---	± .010		CHECKED BY	DATE				
2 PLACES	± 0.25	± ---		DJB	1991/10/21				
1 PLACE	± ---	± ---		APPROVED BY	DATE			MOLEX INCORPORATED	
ANGULAR ± 1/2°				MLONG	2010/01/14				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SDA-71973-****		18 OF 26	



X INDICATES TOOLING IS NOT AVAILABLE.

		10		9		8		7		6		5		4		3		2		1	
NO. OF CKTS		OPTION F ASSEMBLY PACKAGED IN TRAYS PER PK-70873-0239 (SEE SHEET I FOR FINISH SPECIFICATIONS)					DIMENSION			NO. OF CKTS		OPTION F ASSEMBLY PACKAGED IN TRAYS PER PK-70873-0239 (SEE SHEET I FOR FINISH SPECIFICATIONS)					DIMENSION				
PER ROW	TOTAL		15 GOLD	30 GOLD	50 GOLD	A	B	D	PER ROW	TOTAL		15 GOLD	30 GOLD	50 GOLD	A	B	D				
4	8		71973-8604	71973-8704	71973-8804	.300 (17.62)	.395 (10.03)	.658 (16.7)	34	68		71973-8634	71973-8734	71973-8834	3.300 (83.82)	3.395 (86.23)	3.658 (92.9)				
5	10		71973-8605	71973-8705	71973-8805	.400 (10.16)	.495 (12.57)	.758 (19.25)	35	70		71973-8635	71973-8735	71973-8835	3.400 (86.36)	3.495 (88.77)	3.758 (95.45)				
6	12		71973-8606	71973-8706	71973-8806	.500 (12.70)	.595 (15.11)	.858 (21.79)	36	72		71973-8636	71973-8736	71973-8836	3.500 (88.90)	3.595 (91.51)	3.858 (97.99)				
7	14		71973-8607	71973-8707	71973-8807	.600 (15.24)	.695 (17.65)	.958 (24.33)													
8	16		71973-8608	71973-8708	71973-8808	.700 (17.78)	.795 (20.19)	1.058 (26.87)													
9	18		71973-8609	71973-8709	71973-8809	.800 (20.32)	.895 (22.73)	1.158 (29.41)													
10	20		71973-8610	71973-8710	71973-8810	.900 (22.86)	.995 (25.27)	1.258 (31.95)													
11	22		71973-8611	71973-8711	71973-8811	1.000 (25.40)	1.095 (27.81)	1.358 (34.49)													
12	24		71973-8612	71973-8712	71973-8812	1.100 (27.94)	1.195 (30.35)	1.458 (37.03)													
13	26		71973-8613	71973-8713	71973-8813	1.200 (30.48)	1.295 (32.89)	1.558 (39.57)													
14	28		71973-8614	71973-8714	71973-8814	1.300 (33.02)	1.395 (35.43)	1.658 (42.11)													
15	30		71973-8615	71973-8715	71973-8815	1.400 (35.56)	1.495 (37.97)	1.758 (44.65)													
16	32		71973-8616	71973-8716	71973-8816	1.500 (38.10)	1.595 (40.51)	1.858 (47.19)													
17	34		71973-8617	71973-8717	71973-8817	1.600 (40.64)	1.695 (43.05)	1.958 (49.73)													
18	36		71973-8618	71973-8718	71973-8818	1.700 (43.18)	1.795 (45.59)	2.058 (52.27)													
19	38		71973-8619	71973-8719	71973-8819	1.800 (45.72)	1.895 (48.13)	2.158 (54.8)													
20	40		71973-8620	71973-8720	71973-8820	1.900 (48.26)	1.995 (50.67)	2.258 (57.35)													
21	42		71973-8621	71973-8721	71973-8821	2.000 (50.80)	2.095 (53.21)	2.358 (59.89)													
22	44		71973-8622	71973-8722	71973-8822	2.100 (53.34)	2.195 (55.75)	2.458 (62.43)													
23	46		71973-8623	71973-8723	71973-8823	2.200 (55.88)	2.295														



"X" INDICATES TOOLING IS NOT AVAILABLE.

ADD OPTION K & L	2009/12
EC NO: S2010-0534	2010/01
DRWN:SKANG	2010/01
CHKD:ATSEE	2010/01
APPR:MLONG	2010/01

QUALITY SYMBOLS	
DESCRIPTION	$\nabla_A = 0$
	$\nabla_C = 0$
	$\nabla_P = 0$

GENERAL TOLERANCES (UNLESS SPECIFIED)		
	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .010
2 PLACES	± 0.25	± ---
1 PLACE	± ---	± ---
ANGULAR ± 1/2°		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

DIMENSION STYLE	
IN/MM	
DRAWN BY	DATE
DJB	1991/10/2
CHECKED BY	DATE
DJB	1991/10/2
APPROVED BY	DATE
MLONG	2010/01/14
MATERIAL NO.	
SEE TABLE	
SIZE	THIS DRAWING CONTAINS
A3	INCORPORATED AND

SCALE NTS	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION
TITLE EARLY ENTRY R/A REPT .120"PC TAIL W/O LOWER ROW PINSTOP-.100" GRID		
 MOLEX INCORPORATED		
DOCUMENT NO. SDA-71973-****	SHEET NO. 20 OF 26	
ALL INFORMATION THAT IS PROPRIETARY TO MOLEX SHALL REMAIN THE PROPERTY OF MOLEX		

tb_frame_A3_P_AM_T
Rev. F 2009/06/18



"X" INDICATES TOOLING IS NOT AVAILABLE.

GENERAL TOLERANCES (UNLESS SPECIFIED)		
	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .010
2 PLACES	± 0.25	± ---
1 PLACE	± ---	± ---
ANGULAR ± 1/2°		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

DIMENSION STYLE IN/MM		SCALE NTS	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
DRAWN BY DJB	DATE 1991/10/21	TITLE EARLY ENTRY R/A RECPT .120"PC TAIL W/O LOWER ROW PINSTOP-.100" GRID		
CHECKED BY DJB	DATE 1991/10/21			
APPROVED BY MLONG	DATE 2010/01/14			
MATERIAL NO. SEE TABLE		MOLEX	MOLEX INCORPORATED	
DOCUMENT NO. SDA-71973-****		SHEET NO. 21 OF 26		
SIZE 3 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

tb_frame_A3_P_AM_T
Rev. F 2009/06/18



X INDICATES TOOLING IS NOT AVAILABLE

10		9		8		7		6		5		4		3		2		1									
NO. OF CKTS		OPTION - C ASSEMBLY PACKAGED IN TRAYS PER PK-70873-0239 (SEE SHEET 1 FOR FINISH SPECIFICATIONS)										DIMENSION		NO. OF CKTS		OPTION - C ASSEMBLY PACKAGED IN TRAYS PER PK-70873-0239 (SEE SHEET 1 FOR FINISH SPECIFICATIONS)										DIMENSION	
PER ROW	TOTAL			I5 GOLD	30 GOLD	50 GOLD	A	B					I5 GOLD	30 GOLD	50 GOLD	A	B										
4	8			71973-9004	71973-9104	71973-9204	.300 (.762)	.395 (10.03)					71973-9034	71973-9134	71973-9234	3.300 (83.82)	3.395 (86.23)										
5	10			71973-9005	71973-9105	71973-9205	.400 (10.16)	.495 (12.57)					71973-9035	71973-9135	71973-9235	3.400 (86.36)	3.495 (88.77)										
6	12			71973-9006	71973-9106	71973-9206	.500 (12.70)	.595 (15.11)					71973-9036	71973-9136	71973-9236	3.500 (88.90)	3.595 (91.31)										
7	14			71973-9007	71973-9107	71973-9207	.600 (15.24)	.695 (17.65)																			
8	16			71973-9008	71973-9108	71973-9208	.700 (17.78)	.795 (20.19)																			
9	18			71973-9009	71973-9109	71973-9209	.800 (20.32)	.895 (22.73)																			
10	20			71973-9010	71973-9110	71973-9210	.900 (22.86)	.995 (25.27)																			
11	22			71973-9011	71973-9111	71973-9211	1.000 (25.40)	1.095 (27.81)																			
12	24			71973-9012	71973-9112	71973-9212	1.100 (27.94)	1.195 (30.35)																			
13	26			71973-9013	71973-9113	71973-9213	1.200 (30.48)	1.295 (32.89)																			
14	28			71973-9014	71973-9114	71973-9214	1.300 (33.02)	1.395 (35.43)																			
15	30			71973-9015	71973-9115	71973-9215	1.400 (35.56)	1.495 (37.97)																			
16	32			71973-9016	71973-9116	71973-9216	1.500 (38.10)	1.595 (40.51)																			
17	34			71973-9017	71973-9117	71973-9217	1.600 (40.64)	1.695 (43.05)																			
18	36			71973-9018	71973-9118	71973-9218	1.700 (43.18)	1.795 (45.59)																			
19	38			71973-9019	71973-9119	71973-9219	1.800 (45.72)	1.895 (48.13)																			
20	40			71973-9020	71973-9120	71973-9220	1.900 (48.26)	1.995 (50.67)																			
21	42			71973-9021	71973-9121	71973-9221	2.000 (50.80)	2.095 (53.21)																			
22	44			71973-9022	71973-9122	71973-9222	2.100 (53.34)	2.195 (55.75)																			
23	46			71973-9023	71973-9123	71973-9223	2.200 (55.88)	2.295 (58.29)																			
24	48			71973-9024	71973-9124	71973-9224	2.300 (58.42)	2.395 (60.83)																			
25	50			71973-9025	71973-9125	71973-9225	2.400 (60.96)	2.495 (63.37)																			
26	52			71973-9026	71973-9126	71973-9226	2.500 (63.50)	2.595 (65.91)																			
27	54			71973-9027	71973-9127	71973-9227	2.600 (66.04)	2.695 (68.45)																			
28	56			71973-9028	71973-9128	71973-9228	2.700 (68.58)	2.795 (70.99)																			
29	58			71973-9029	71973-9129	71973-9229	2.800 (71.12)	2.895 (73.53)																			
30	60			71973-9030	71973-9130	71973-9230	2.900 (73.66)	2.995 (76.07)																			
31	62			71973-9031	71973-9131	71973-9231	3.000 (76.20)	3.095 (78.61)																			
32	64			71973-9032	71973-9132	71973-9232	3.100 (78.74)	3.195 (81.15)																			
33	66			71973-9033	71973-9133	71973-9233	3.200 (81.28)	3.295 (83.69)																			

ADD OPTION K & L
EC NO. S2010-0534
K DWN:SKMG 2009/12/30
CHK:CATSEE 2010/01/08
APPR:MLNG 2010/01/14

QUALITY SYMBOLS
✓=0
✓=0
✓=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .010
2 PLACES	± 0.25	± ---
1 PLACE	± ---	± ---

ANGULAR ±1/2°
DRAFT WHERE APPLICABLE
MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE
IN/MM

DRAWN BY DATE
DJB 1991/10/21

CHECKED BY DATE
DJB 1991/10/21

APPROVED BY DATE
MLONG 2010/01/14

MATERIAL NO.

SCALE NTS

DESIGN UNITS
INCH

THIRD ANGLE PROJECTION

SEE TABLE

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

TITLE
EARLY ENTRY R/A RECP
.120"PC TAIL W/O LOWER
ROW PINSTOP-.100" GRID

MOLEX MOLEX INCORPORATED

DOCUMENT NO.
SDA-71973-****

SHEET NO.
22 OF 26

*X INDICATES TOOLING IS NOT AVAILABLE

10

9

8

7

6

5

4

3

2

1



10										9										7										6										5										4										3										2										1									
NO. OF CKTS										OPTION H ASSEMBLY PACKAGED IN TRAYS PER PK-70873-0239 (SEE SHEET I FOR FINISH SPECIFICATIONS)										DIMENSION										NO. OF CKTS										OPTION G ASSEMBLY PACKAGED IN TRAYS PER PK-70873-0239 (SEE SHEET I FOR FINISH SPECIFICATIONS)										DIMENSION																																							
PER ROW TOTAL										I5 GOLD 30 GOLD 50 GOLD										A B D										PER ROW TOTAL										I5 GOLD 30 GOLD 50 GOLD										A B D																																							
4 8										X 71973-9404 X 71973-9504 X 71973-9604										.300 (.762) .395 (10.03) .558 (16.71)										33 66										X 71973-9433 X 71973-9533 X 71973-9633										.3200 (81.28) .3295 (83.69) .3558 (90.37)																																							
5 10										X 71973-9405 X 71973-9505 X 71973-9605										.400 (.914) .495 (12.57) .758 (19.25)										34 68										X 71973-9434 X 71973-9534 X 71973-9634										.3300 (83.82) .3395 (86.23) .3658 (92.91)																																							
6 12										X 71973-9406 X 71973-9506 X 71973-9606										.500 (12.70) .595 (15.11) .858 (21.79)										35 70										X 71973-9435 X 71973-9535 X 71973-9635										.3400 (86.36) .3495 (88.77) .3758 (95.45)																																							
7 14										X 71973-9407 X 71973-9507 X 71973-9607										.600 (15.24) .695 (17.65) .958 (24.33)										36 72										X 71973-9436 X 71973-9536 X 71973-9636										.3500 (88.90) .3595 (91.31) .3858 (97.99)																																							
8 16										X 71973-9408 X 71973-9508 X 71973-9608										.700 (17.78) .795 (20.19) 1.058 (26.87)																																																																					
9 18										X 71973-9409 X 71973-9509 X 71973-9609										.800 (20.32) .895 (22.73) 1.158 (29.41)																																																																					
10 20										X 71973-9410 X 71973-9510 X 71973-9610										.900 (22.86) .995 (25.27) 1.258 (31.95)																																																																					
11 22										X 71973-9411 X 71973-9511 X 71973-9611										1.000 (25.40) 1.095 (27.81) 1.358 (34.49)																																																																					
12 24										X 71973-9412 X 71973-9512 X 71973-9612										1.100 (27.94) 1.195 (30.35) 1.458 (37.03)																																																																					
13 26										X 71973-9413 X 71973-9513 X 71973-9613										1.200 (30.48) 1.295 (32.89) 1.558 (39.57)																																																																					
14 28										X 71973-9414 X 71973-9514 X 71973-9614										1.300 (33.02) 1.395 (35.43) 1.658 (42.11)																																																																					
15 30										X 71973-9415 X 71973-9515 X 71973-9615										1.400 (35.56) 1.495 (37.97) 1.758 (44.65)																																																																					
16 32										X 71973-9416 X 71973-9516 X 71973-9616										1.500 (38.10) 1.595 (40.51) 1.858 (47.19)																																																																					
17 34										X 71973-9417 X 71973-9517 X 71973-9617										1.600 (40.64) 1.695 (43.05) 1.958 (49.73)																																																																					
18 36										X 71973-9418 X 71973-9518 X 71973-9618										1.700 (43.18) 1.795 (45.59) 2.058 (52.27)																																																																					
19 38										X 71973-9419 X 71973-9519 X 71973-9619										1.800 (45.72) 1.895 (48.13) 2.158 (54.81)																																																																					
20 40										X 71973-9420 X 71973-9520 X 71973-9620										1.900 (48.26) 1.995 (50.67) 2.258 (57.35)																																																																					
21 42										X 71973-9421 X 71973-9521 X 71973-9621										2.000 (50.80) 2.095 (53.21) 2.358 (59.89)																																																																					
22 44										X 71973-9422 X 71973-9522 X 71973-9622										2.100 (53.34) 2.195 (55.75) 2.458 (62.43)																																																																					
23 46										X 71973-9423 X 71973-9523 X 71973-9623										2.200 (55.88) 2.295 (58.29) 2.558 (64.97)																																																																					
24 48										X 71973-9424 X 71973-9524 X 71973-9624										2.300 (58.42) 2.395 (60.83) 2.658 (67.51)																																																																					
25 50										X 71973-9425 X 71973-9525 X 71973-9625										2.400 (60.96) 2.495 (63.37) 2.758 (70.05)																																																																					
26 52										X 71973-9426 X 71973-9526 X 71973-9626										2.500 (63.50) 2.595 (65.91) 2.858 (72.59)																																																																					
27 54										X 71973-9427 X 71973-9527 X 71973-9627										2.600 (66.04) 2.695 (68.45) 2.958 (75.13)																																																																					
28 56										X 71973-9428 X 71973																																																																															



"X" INDICATES TOOLING IS NOT AVAILABLE

tb_frame_A3_P_AM_T
Rev. F 2009/06/18



'X' INDICATES TOOLING IS NOT AVAILABLE

EV	DESCRIPTION	2009/12/31	2010/01/01	2010/01/11
	ADD OPTION K & L			
	EC NO: S2010-0534			
	DRWN:SKANG			
	CHKD:ATSEE			
	APPR:MLONG			

QUALITY SYMBOLS

$\nabla_A = 0$

$\nabla_C = 0$

$\nabla_P = 0$

GENERAL TOLERANCES (UNLESS SPECIFIED)		
	mm	INCH
4 PLACES	± .---	± .---
3 PLACES	± .---	± .010
2 PLACES	± 0.25	± .---
1 PLACE	± .---	± .---
ANGULAR ± 1/2°		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

DIMENSION STYLE	
IN/MM	
DRAWN BY	DATE
DJB	1991/10/2
CHECKED BY	DATE
DJB	1991/10/2
APPROVED BY	DATE
MLONG	2010/01/14
MATERIAL NO.	
SEE TABLE	
SIZE	THIS DRAWING CONTAINS UNINCORPORATED AND

SCALE NTS	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION
TITLE EARLY ENTRY R/A RECPT .120"PC TAIL W/O LOWER ROW PINSTOP-.100" GRID		
 MOLEX INCORPORATED		
DOCUMENT NO. SDA-71973-****		SHEET NO. 25 OF 26
ALL INFORMATION THAT IS PROPRIETARY TO MOLEX		

Contact us: sales@integratedcircuit.com Website: www.integratedcircuit.com

10 9 8 7 6 5 4 3 2 1																							
NO. OF CKTS		OPTION L ASSEMBLY PACKAGED IN TUBES PER PK-70873-0138 (SEE SHEET 1 FOR FINISH SPECIFICATIONS)						DIMENSION		NO. OF CKTS		OPTION L ASSEMBLY PACKAGED IN TUBES PER PK-70873-0138 (SEE SHEET 1 FOR FINISH SPECIFICATIONS)						DIMENSION					
PER ROW	TOTAL	15 GOLD			30 GOLD			50 GOLD			PER ROW	TOTAL	15 GOLD			30 GOLD			50 GOLD			A	B
4	8	71973-5404	71973-5504	71973-5604	.300 (7.62)	.395 (10.03)					31	62	71973-5431	71973-5531	71973-5631	3.000 (76.20)	3.095 (78.61)						
5	10	71973-5405	71973-5505	71973-5605	.400 (10.16)	.495 (12.57)					32	64	71973-5432	71973-5532	71973-5632	3.100 (78.74)	3.195 (81.15)						
6	12	71973-5406	71973-5506	71973-5606	.500 (12.70)	.595 (15.11)					33	66	71973-5433	71973-5533	71973-5633	3.200 (81.28)	3.295 (83.69)						
7	14	71973-5407	71973-5507	71973-5607	.600 (15.24)	.695 (17.65)					34	68	71973-5434	71973-5534	71973-5634	3.300 (83.82)	3.395 (86.23)						
8	16	71973-5408	71973-5508	71973-5608	.700 (17.78)	.795 (20.19)					35	70	71973-5435	71973-5535	71973-5635	3.400 (86.36)	3.495 (88.77)						
9	18	71973-5409	71973-5509	71973-5609	.800 (20.32)	.895 (22.73)					36	72	71973-5436	71973-5536	71973-5636	3.500 (88.90)	3.595 (91.31)						
10	20	71973-5410	71973-5510	71973-5610	.900 (22.86)	.995 (25.27)																	
11	22	71973-5411	71973-5511	71973-5611	1.000 (25.40)	1.095 (27.81)																	
12	24	71973-5412	71973-5512	71973-5612	1.100 (27.94)	1.195 (30.35)																	
13	26	71973-5413	71973-5513	71973-5613	1.200 (30.48)	1.295 (32.89)																	
14	28	71973-5414	71973-5514	71973-5614	1.300 (33.02)	1.395 (35.43)																	
15	30	71973-5415	71973-5515	71973-5615	1.400 (35.56)	1.495 (37.97)																	
16	32	71973-5416	71973-5516	71973-5616	1.500 (38.10)	1.595 (40.51)																	
17	34	71973-5417	71973-5517	71973-5617	1.600 (40.64)	1.695 (43.05)																	
18	36	71973-5418	71973-5518	71973-5618	1.700 (43.18)	1.795 (45.59)																	
19	38	71973-5419	71973-5519	71973-5619	1.800 (45.72)	1.895 (48.13)																	
20	40	71973-5420	71973-5520	71973-5620	1.900 (48.26)	1.995 (50.67)																	
21	42	71973-5421	71973-5521	71973-5621	2.000 (50.80)	2.095 (53.21)																	
22	44	71973-5422	71973-5522	71973-5622	2.100 (53.34)	2.195 (55.75)																	
23	46	71973-5423	71973-5523	71973-5623	2.200 (55.88)	2.295 (58.29)																	
24	48	71973-5424	71973-5524	71973-5624	2.300 (58.42)	2.395 (60.83)																	
25	50	71973-5425	71973-5525	71973-5625	2.400 (60.96)	2.495 (63.37)																	
26	52	71973-5426	71973-5526	71973-5626	2.500 (63.50)	2.595 (65.91)																	
27	54	71973-5427	71973-5527	71973-5627	2.600 (66.04)	2.695 (68.45)																	
28	56	71973-5428	71973-5528	71973-5628	2.700 (68.58)	2.795 (70.99)																	
29	58	71973-5429	71973-5529	71973-5629	2.800 (71.12)	2.895 (73.53)																	
30	60	71973-5430	71973-5530	71973-5630	2.900 (73.66)	2.995 (76.07)																	
X INDICATES TOOLING IS NOT AVAILABLE																							