



**Distributor of Molex Connector Corporation: Excellent Integrated System Limited**  
Datasheet of 0872631623 - Connector Receptacle, Bottom Entry 16 Position 0.079" (2.00mm)  
Gold Surface Mount

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## **Excellent Integrated System Limited**

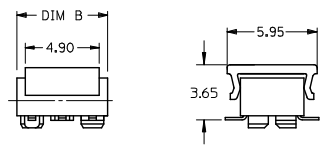
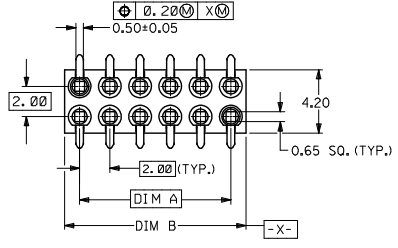
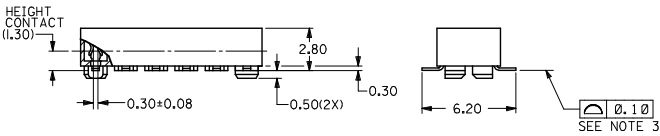
Stocking Distributor

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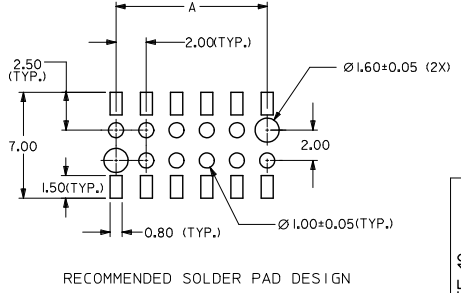
[Molex Connector Corporation](#)  
[0872631623](#)

For any questions, you can email us directly:  
[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

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PARTS TO BE PACK WITH CAP (12 CKT SHOWN)



RECOMMENDED SOLDER PAD DESIGN

**PART NO. LEGEND**

87263 - \* \* \* \*

CIRCUIT SIZE

PLATING OPTION  
3 - 0.38um MIN. GOLD  
5 - 0.76um MIN. GOLD  
6 - (0.13-0.38)um GOLD FLASH

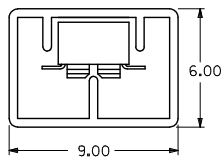
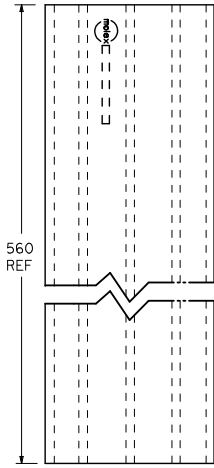
PACKAGING  
0 - W/CAP IN TUBE (SEE SHEET 2)  
2 - W/O CAP IN TUBE (SEE SHEET 2)  
8 - W/O CAP IN TAPE & REEL (SEE SHEET 3)  
9 - W/CAP IN TAPE & REEL (SEE SHEET 3)

CKT. SIZE	DIM. A	DIM. B
4	2.00	4.00
6	4.00	6.00
8	6.00	8.00
10	8.00	10.00
12	10.00	12.00
14	12.00	14.00
16	14.00	16.00
18	16.00	18.00
20	18.00	20.00
22	20.00	22.00
24	22.00	24.00
26	24.00	26.00
28	26.00	28.00
30	28.00	30.00
32	30.00	32.00
34	32.00	34.00
36	34.00	36.00
38	36.00	38.00
40	38.00	40.00
42	40.00	42.00
44	42.00	44.00

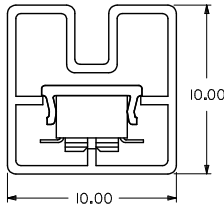
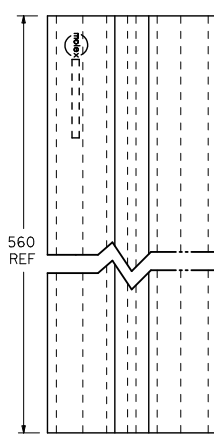
- NOTES:
- FOR ILLUSTRATION PURPOSES, DRAWINGS SHOWS PART WITH 12 CIRCUIT SIZE
  - PLATING:  
POST PLATING - SELECTIVE GOLD (SEE LEGEND) AT CONTACT AREA, AND 1.27um MIN. SELECTIVE TIN AT SOLDER AREA BOTH OVER 1.27um MIN. NICKEL OVERALL
  - CO-PLANARITY OF P.C TAIL TO BE MEASURED BY RESTING THE PART ON A FLAT GAGE SURFACE.
  - PRODUCT SPECIFICATION PS-87263 APPLIES
  - CAP: HIGH TEMPERATURE THERMOPLASTIC, UL RATED 94V-0, SUITABLE FOR SURFACE-MOUNT SOLDERING PROCESS.  
COLOR: BLACK
  - POSITION OF CAP TO BE CENTRAL WITH RESPECT TO DIMENSION 'A'
  - CONTACT FACTORY FOR DETAIL ON THIS PART NO.
  - PARTS SHALL BE PACKED IN MOISTURE BARRIER BAG
  - P/N 87263-3686 TO BE PACKED IN EMBOSSED TAPE TYPE B1
  - PACKAGING SPECIFICATION FOR TAPE AND REEL: PK-87263-300

ADD NOTE 10 EC. NO: S2016-1073 DRAWN BY: 2015/11/03 CHKD: SCHOONG 2016/06/03 APPR: KILLIN 2016/06/06	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		mm	INCH	MM ONLY	DATE			
REV <td>∇=0</td> <td>4 PLACES ±---</td> <td>±---</td> <td>DRAWN BY</td> <td>DATE</td> <td rowspan="4">TITLE</td> <td rowspan="4">MGRID, B/ENTRY RECEPT. 2.80MM HT. W/LOC. PEGS W/CAP. SMT</td> <td rowspan="4">molex</td>	∇=0	4 PLACES ±---	±---	DRAWN BY	DATE	TITLE	MGRID, B/ENTRY RECEPT. 2.80MM HT. W/LOC. PEGS W/CAP. SMT	molex
	∇=0	3 PLACES ±---	±---	CHECKED BY	DATE			
	∇=0	2 PLACES ±0.20	±---	MLAI	1991/01/11			
	∇=0	1 PLACE ±---	±---	APPROVED BY	DATE			
		0 PLACE ±	±	MLONG	2010/03/19	DOCUMENT NO.	SD-87263-**2*	SHEET NO. 1 OF 4
		ANGULAR ± 3 °		MATERIAL NO.		SEE TABLE		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

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P/N 87263-\*\*-2\*

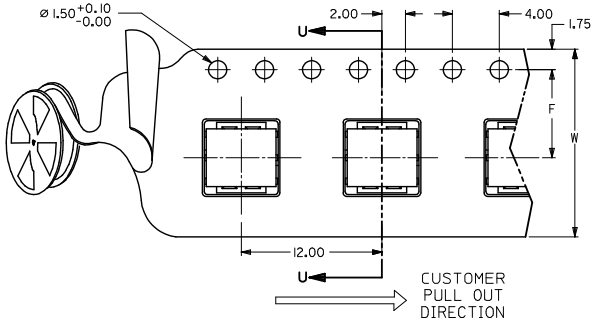


P/N 87263-\*\*-0\*

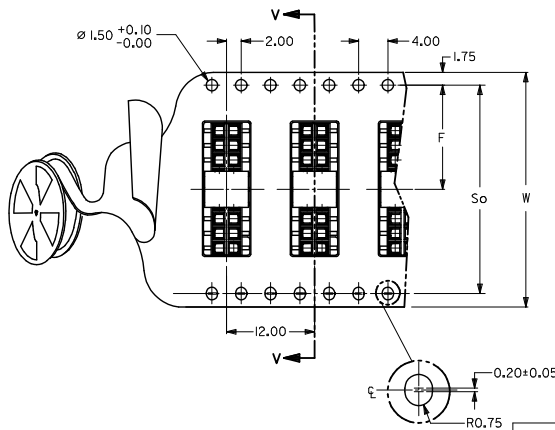
CKT. SIZE	PART NO. FOR PARTS WITHOUT CAP	PART NO. FOR PARTS WITH CAP
4	87263-042*	87263-040*
6	87263-062*	87263-060*
8	87263-082*	87263-080*
10	87263-102*	87263-100*
12	87263-122*	87263-120*
14	87263-142*	87263-140*
16	87263-162*	87263-160*
18	87263-182*	87263-180*
20	87263-202*	87263-200*
22	87263-222*	87263-220*
24	87263-242*	87263-240*
26	87263-262*	87263-260*
28	87263-282*	87263-280*
30	87263-302*	87263-300*
32	87263-322*	87263-320*
34	87263-342*	87263-340*
36	87263-362*	87263-360*
38	87263-382*	87263-380*
40	87263-402*	87263-400*
42	87263-422*	87263-420*
44	87263-442*	87263-440*

REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
			mm	INCH	MM ONLY	DATE			
J11	SEE SHEET 1 EC NO: S2016-1073 DRAWN: MEMARLY 2015/11/03 CHKD: SCHEONG 2016/06/03 APPR: KILIM 2016/06/06	$\nabla=0$ $\nabla=0$ $\nabla=0$	4 PLACES ± ---	± ---	JDK	1991/01/11	NTS	METRIC	MGRID, B/ENTRY RECEPT. 2.80MM HT. W/LOC. PEGS W/CAP. SMT <b>molex</b>
			3 PLACES ± ---	± ---	MLA1	1991/01/11			SD-87263-**-2*
			2 PLACES ± 0.20	± ---	MLONG	2010/03/19			SHEET NO. 2 OF 4
			1 PLACE ± ---	± ---					
			0 PLACE ±	±					
			ANGULAR ± 3°						
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						
					SIZE				
					A3				
					THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

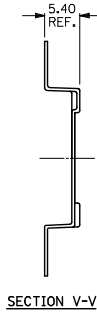
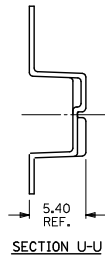
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PART NO. 87263-\*\*\*9\* (CKTS 04 TO 14)  
SINGLE SPROCKET HOLE T/REEL - TYPE A



PART NO. 87263-\*\*\*9\* (CKTS 16 TO 40)  
DOUBLE SPROCKET HOLE T/REEL - TYPE B



△ PART NO. FOR PARTS WITHOUT CAP IN T/REEL	△ PART NO. FOR PARTS WITH CAP IN T/REEL	CKT. SIZE	F	So	W	T/REEL TYPE
87263-048*	87263-049*	4	11.5	-	24	A
87263-068*	87263-069*	6	11.5	-	24	
87263-088*	87263-089*	8	11.5	-	24	
87263-108*	87263-109*	10	11.5	-	24	
87263-128*	87263-129*	12	11.5	-	24	
87263-148*	87263-149*	14	11.5	-	24	
87263-168*	87263-169*	16	11.5	-	24	
87263-188*	87263-189*	18	14.2	28.4	32	
87263-208*	87263-209*	20	20.2	40.4	44	
87263-228*	87263-229*	22	20.2	40.4	44	
87263-248*	87263-249*	24	20.2	40.4	44	
87263-268*	87263-269*	26	20.2	40.4	44	
87263-288*	87263-289*	28	20.2	40.4	44	
87263-308*	87263-309*	30	20.2	40.4	44	
87263-328*	87263-329*	32	26.2	52.4	56	
87263-348*	87263-349*	34	-	-	-	
△ 87263-368*	87263-369*	36	26.2	52.4	56	
87263-388*	87263-389*	38	-	-	-	
87263-408*	87263-409*	40	-	-	-	
△ 87263-3686	-	36	26.2	52.4	56	B1

NOTES:

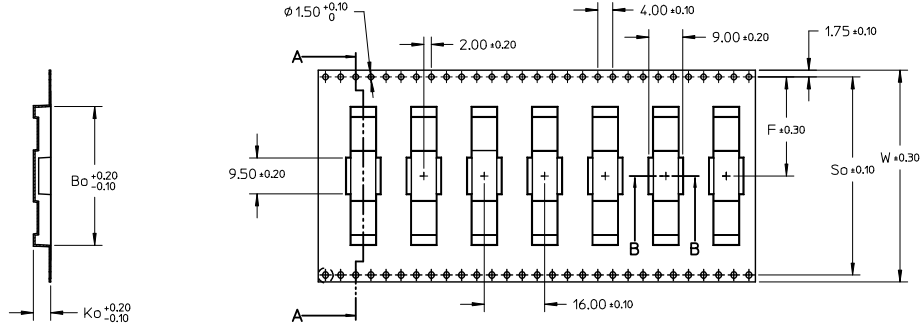
- LEADER AND TRAILER TAPE  
160 MIN. TOP TAPE TRAILER  
390 MIN. TOP TAPE  
160 MIN. TAIL PART (EMPTY)  
230 MIN. LEADER PART (EMPTY)  
COMPONENT
- PEELING OFF FORCE OF THE TOP TAPE: 20-80gf.  
(PEELING DIRECTION AS SHOWN IN FOLLOWING FIGURE)  
15° MAX.  
PEEL OFF DIRECTION  
PULL OUT DIRECTION
- PACKAGING STANDARD IS AS PER EIA-481.
- TAPE & REEL QUANTITY: EMBOSSED TYPE A & B = 1000PCS/REEL  
EMBOSSED TYPE B1 = 900PCS/REEL
- THE TAPE IS TREATED FOR ANTI-STATIC.

QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	mm	INCH	MM ONLY	DATE			
▽=0	4 PLACES ±---	±---	DRAWN BY	DATE	NTS	METRIC	MGRID, B/ENTRY RECEPT. 2.80MM HT. W/LOC. PEGS W/CAP, SMT
▽=0	3 PLACES ±---	±---	JDK	1991/01/11			
▽=0	2 PLACES ±0.20	±---	CHECKED BY	DATE			
▽=0	1 PLACE ±---	±---	MLAI	1991/01/11			
▽=0	0 PLACE ±	±	APPROVED BY	DATE	DOCUMENT NO.		SHEET NO. 3 OF 4
ANGULAR ± 3 °			MLONG	2010/03/19	SD-87263-***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		

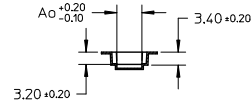
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PART WITHOUT CAP IN T&R	CKT SIZE	Bo	Ko	Ao
87263-3686	36	36.40	5.00	6.60

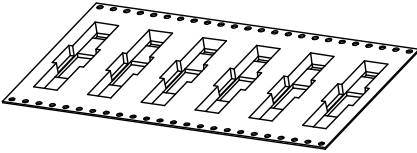
T/REEL TYPE B1



SECTION A-A



SECTION B-B



SEE SHEET 1 IEC NO: S2016-1073 DRAWN BY: 2015/11/03 CHKD: S2016-1073 APPR: 2016/06/03 J11	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.20 ± --- 1 PLACE ± --- ± --- 0 PLACE ± ±	DIMENSION STYLE MM ONLY DRAWN BY: DATE JDK 1991/01/11 CHECKED BY: DATE MLAI 1991/01/11 APPROVED BY: DATE MLONG 2010/03/19	SCALE NTS DESIGN UNITS METRIC THIRD ANGLE PROJECTION	TITLE MGRID, B/ENTRY RECEPT. 2.80MM HT. W/LOC. PEGS W/CAP, SMT <b>molex</b> DOCUMENT NO. SD-87263-***2* SHEET NO. 4 OF 4	
	DESCRIPTION REV	ANGULAR ± 3 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. SEE TABLE SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		