Excellent Integrated System Limited

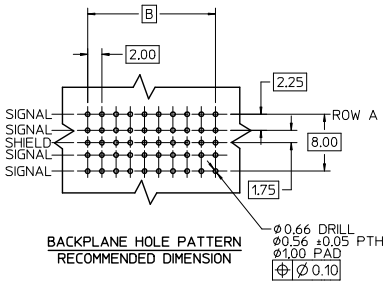
Stocking Distributor

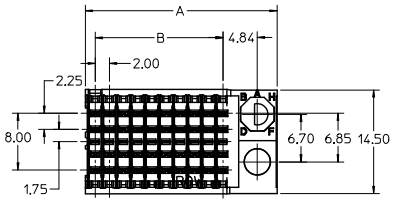
Click to view price, real time Inventory, Delivery & Lifecycle Information:

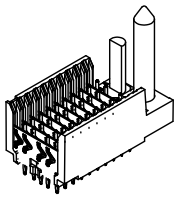
Molex Connector Corporation
0746972513

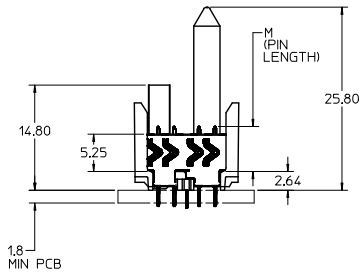
For any questions, you can email us directly:
sales@integrated-circuit.com

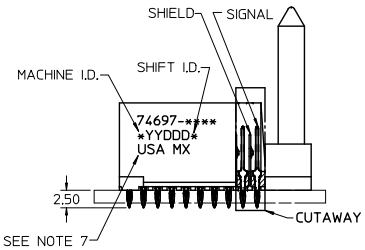
Distributor of Molex Connector Corporation: Excellent Integrated System Limited
Datasheet of 0746972513 - CONN HEADER 100POS 2MM T/H GOLD
Contact us: sales@integrated-circuit.com Website: www.integrated-circuit.com











NOTES:
1. MATERIAL: HOUSING -LIQUID CRYSTAL POLYMER (LCP) GLASS-FILLED. UL 94 V-0. COLOR BLACK. SIGNAL & SHIELD -COPPER ALLOY.
2. FINISHES: SELECTIVE GOLD (Au) ON CONTACT AREA. SELECTIVE MATTE TIN (Sn) ON PCB TAILS. NICKEL (Ni) OVERALL.
3. THIS PART CONFORMS TO MOLEX PRODUCT SPECIFICATION PS-74031-999.
4. FOR MIXED CONTACT MATING LENGTHS CONSULT MOLEX FOR AVAILABILITY.
5. FOR SPECIFIC PART NUMBER AND MATING INFORMATION REFER TO SHEET 2.
6. PACKAGE PER: PK-74696-003.
7. EITHER MARK PART NUMBER AND DATE CODE APPROXIMATELY WHERE SHOWN OR PLACE LABEL ON THE TUBE.
8. MAPS (MOLEX ADVANCED PLATING SYSTEM.

THE PRIMARY CARTON WITH A LABEL STATING "ELV AND RoHS COMPLIANT" IS LEAD FREE. CARTONS WITHOUT THIS LABEL MAY CONTAIN LEAD.

LEAD FREE CONVERSION
EC NO: UCP2013-0687 2012/08/24
DRWNGES 2012/11/27
CHKD:MWOLFE
APPR:SMILLER 2012/12/14
DESCRIPTION
REV

QUALITY SYMBOLS

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± ---	± ---
1 PLACE	± ---	± ---
0 PLACE	±	±

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

DIMENSION STYLE: MM ONLY
SCALE: 2.5:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

		DATE
DRAWN BY	MQWANG	2001/04/17
CHECKED BY	NMARTIN	2001/04/20
APPROVED BY	CBIXLER	2001/04/20

TITLE: HSD SALES ASSEMBLY 5 ROW SHIELD END BACKPLANE

molex

MATERIAL NO.: SEE SHEET 3
DOCUMENT NO.: SD-74697-002
SHEET NO.: 1 OF 3
SIZE: C

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

tb_frame_C_P_AM_T
Rev. G 2012/01/11

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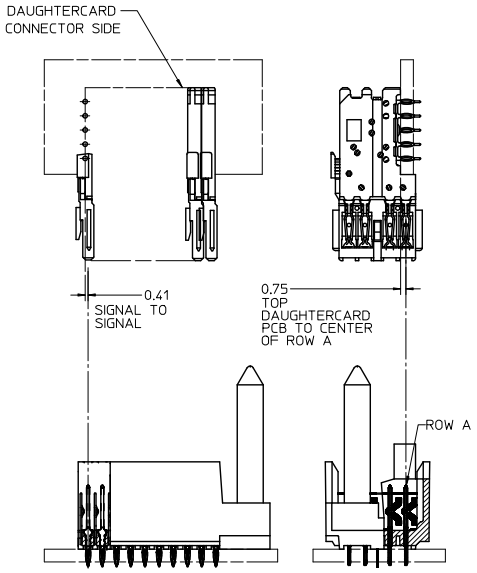
P/N 74697-( )	-**0-	-**1-	-**2-	-**3-	-**4-	-**5-	-**6-	-**7-	-**8-
KEYING PIN ORIENTATION	0	A	B	C	D	E	F	G	H

74697-*****

NUMBER OF COLUMNS/PLATING
05 = 05 COLUMN MATTE TIN (FORMERLY TIN/LEAD)
10 = 10 COLUMN MATTE TIN (FORMERLY TIN/LEAD)
25 = 25 COLUMN MATTE TIN (FORMERLY TIN/LEAD)
55 = 05 COLUMN MATTE TIN (MAPS)
60 = 10 COLUMN MATTE TIN (MAPS)
75 = 25 COLUMN MATTE TIN (MAPS)
95 = 05 COLUMN MATTE TIN
90 = 10 COLUMN MATTE TIN
85 = 25 COLUMN MATTE TIN

CONTACT LOAD (PIN LENGTH)
1 & 6 = 4.75
2 & 7 = 6.25
3 & 8 = 4.25
4 & 9 = 5.15



LEAD FREE CONVERSION
EC NO: UCP2013-0687
DRWN:GES 2012/08/21
CHKD:MWOLFE 2012/11/27
APPR:SMILLER 2012/12/14
DESCRIPTION
REV

QUALITY SYMBOLS

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± ---	± ---
1 PLACE	± ---	± ---
0 PLACE	±	±
ANGULAR ±1/2°		

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DIMENSION STYLE: MM ONLY
SCALE: 2.5:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: MQWANG DATE: 2001/04/17
CHECKED BY: NMARTIN DATE: 2001/04/20
APPROVED BY: CBIXLER DATE: 2001/04/20

TITLE: HSD SALES ASSEMBLY 5 ROW SHIELD END BACKPLANE

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MATERIAL NO.: SEE SHEET 3
DOCUMENT NO.: SD-74697-002
SHEET NO.: 2 OF 3
SIZE: C

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PART NUMBER	COLUMN	NUMBER OF SIGNAL PIN	NUMBER OF SHIELD	A	B	M	GOLD THICKNESS MICROMETER	TIN THICKNESS MICROMETER
74697-60*1	10	40	10	27.00	18.00	4.75	0.25 MAPS	0.76-1.52
74697-90*1							0.76	
74697-90*6							1.27	
74697-75*1	25	100	25	57.00	48.00		0.25 MAPS	
74697-85*1							0.76	
74697-85*6							1.27	
74697-55*2	5	20	5	17.00	8.00	6.25	0.25 MAPS	
74697-95*7							1.27	
74697-60*2	10	40	10	27.00	18.00		0.25 MAPS	
74697-90*2							0.76	
74697-90*7							1.27	
74697-75*2	25	100	25	57.00	48.00		0.25 MAPS	
74697-85*2							0.76	
74697-85*7							1.27	
74697-60*3	10	40	10	27.00	18.00	4.25	0.25 MAPS	
74697-90*3							0.76	
74697-90*8							1.27	
74697-75*3	25	100	25	57.00	48.00		0.25 MAPS	
74697-85*3							0.76	
74697-85*8							1.27	
74697-60*4	10	40	10	27.00	18.00	5.15	0.25 MAPS	
74697-90*4							0.76	
74697-90*9							1.27	
74697-75*4	25	100	25	57.00	48.00		0.25 MAPS	
74697-85*4							0.76	
74697-85*9							1.27	

LEAD FREE CHART

PART NUMBER	COLUMN	NUMBER OF SIGNAL PINS	NUMBER OF SHIELDS	A	B	M	Au (um) MIN THICKNESS	Sn (um) THICKNESS
74697-10*1	10	40	10	27.00	18.00	4.75	0.76	0.76-1.52
74697-10*6							1.27	
74697-25*1	25	100	25	57.00	48.00		0.76	
74697-25*6							1.27	
74697-05*7	5	20	5	17.00	8.00	6.25	1.27	
74697-10*2	10	40	10	27.00	18.00		0.76	
74697-10*7							1.27	
74697-25*2	25	100	25	57.00	48.00		0.76	
74697-25*7							1.27	
74697-10*3	10	40	10	27.00	18.00	4.25	0.76	
74697-10*8							1.27	
74697-25*3	25	100	25	57.00	48.00		0.76	
74697-25*8							1.27	
74697-10*4	10	40	10	27.00	18.00	5.15	0.76	
74697-10*9							1.27	
74697-25*4	25	100	25	57.00	48.00		0.76	
74697-25*9							1.27	

LEAD FREE (FORMERLY TIN/LEAD) CHART

SEE SHEET 1
EC NO: UCP2013-0687
DRWN:GES 2012/08/21
CHKD:MWOLFE 2012/11/27
APPR:SMILLER 2012/12/14
DESCRIPTION
REV

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MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-74697-002
SHEET NO.: 3 OF 3
SIZE: C

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Rev. G 2012/01/11