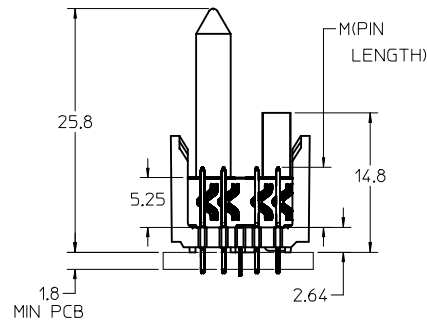
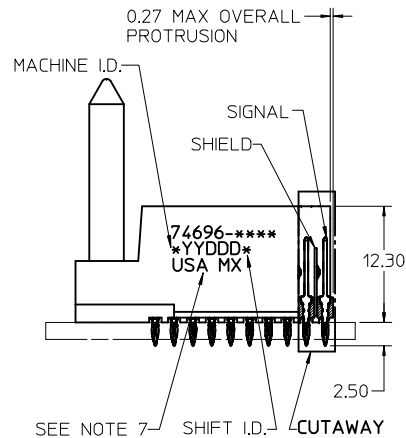
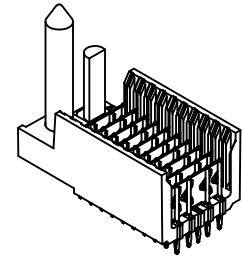
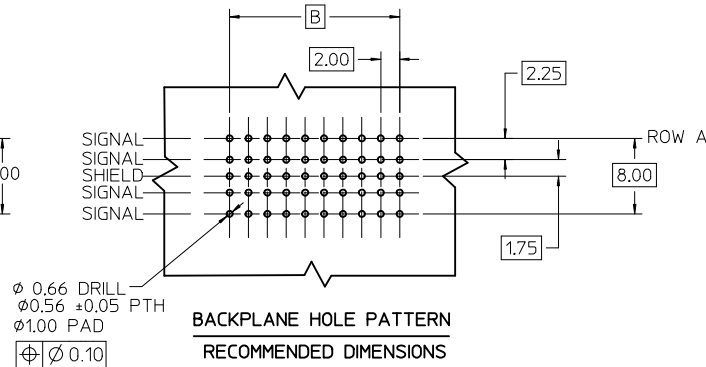
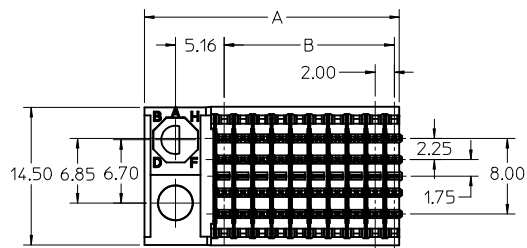




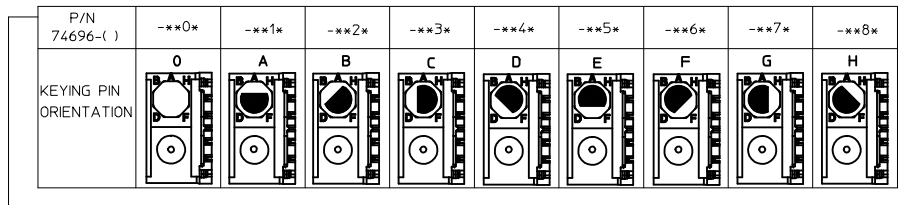
NOTES:

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 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. PRODUCT COMPLIES WITH COSMETIC SPECIFICATION PS-45499-002.
9. MAPS (MOLEX ADVANCED PLATING SYSTEM).

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

LEAD FREE CONVERSION EC NO: UCP2013-0687 DRAWINGS: 2012/08/20 CHYCD:MMOLFE 2012/11/26 APPR:SMILLER 2012/12/14	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2.5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
			mm	INCH	DRAWN BY MQWANG	DATE 2001/04/17	TITLE HSD SALES ASSEMBLY 5 ROW SIGNAL END BACKPLANE molex DOCUMENT NO. SD-74696-002 SHEET NO. 1 OF 2			
			4 PLACES ± --- ± ---	3 PLACES ± --- ± ---	CHECKED BY NMARTIN	DATE 2001/04/20				
			2 PLACES ± --- ± ---	1 PLACE ± --- ± ---	APPROVED BY CBIXLER	DATE 2001/04/20				
			0 PLACE ± ±		MATERIAL NO. SEE SHEET 2					
			ANGULAR ±1/2°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

J
I
H
G
F
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D
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A



74696-***

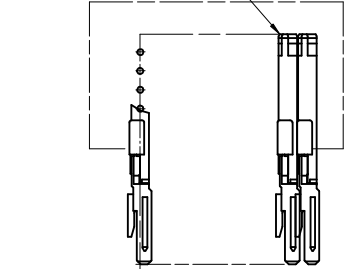
CONTACT LOAD (PIN LENGTH)
1 & 6 = 4.75
2 & 7 = 6.25
3 & 8 = 4.25
4 & 9 = 5.15

NUMBER OF COLUMNS/PLATING
10 = 10 COLUMN MATTE TIN (FORMERLY TIN/LEAD)
05 = 5 COLUMN MATTE TIN (FORMERLY TIN/LEAD)
25 = 25 COLUMN MATTE TIN (FORMERLY TIN/LEAD)
60 = 10 COLUMN MATTE TIN (MAPS)
55 = 5 COLUMN MATTE TIN (MAPS)
75 = 25 COLUMN MATTE TIN (MAPS)
90 = 10 COLUMN MATTE TIN
95 = 5 COLUMN MATTE TIN
85 = 25 COLUMN MATTE TIN

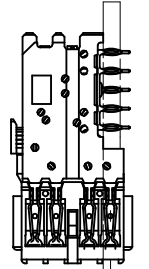
LEAD FREE CHART

PART NUMBER	COLUMN	NUMBER OF SIGNAL PIN	NUMBER OF SHIELD	A	B	M	GOLD THICKNESS MICROMETER	TIN THICKNESS MICROMETER
74696-60*1	10	40	10	27.00	18.00	4.75	0.25 MAPS	0.76-1.52
74696-90*1							0.76	
74696-90*6							1.27	
74696-75*1	25	100	25	57.00	48.00	4.75	0.25 MAPS	
74696-85*1							0.76	
74696-85*6							1.27	
74696-55*2	5	20	5	17.00	8.00	4.75	0.25 MAPS	
74696-95*7							1.27	
74696-60*2							0.25 MAPS	
74696-90*2	10	40	10	27.00	18.00	6.25	0.76	
74696-90*7							1.27	
74696-75*2							0.25 MAPS	
74696-85*2	25	100	25	57.00	48.00	6.25	0.76	
74696-85*7							1.27	
74696-60*3							0.25 MAPS	
74696-90*3	10	40	10	27.00	18.00	4.25	0.76	0.76-1.52
74696-90*8							1.27	
74696-75*3							0.25 MAPS	
74696-85*3	25	100	25	57.00	48.00	4.25	0.76	
74696-85*8							1.27	
74696-60*4							0.25 MAPS	
74696-90*4	10	40	10	27.00	18.00	5.15	0.76	
74696-90*9							1.27	
74696-75*4							0.25 MAPS	
74696-85*4	25	100	25	57.00	48.00	5.15	0.76	
74696-85*9							1.27	

DAUGHTERCARD CONNECTOR SIDE



0.41 SIGNAL TO SIGNAL



0.75 TOP DAUGHTERCARD PCB TO CENTER OF ROW A

LEAD FREE (FORMERLY TIN/LEAD) CHART

PART NUMBER	COLUMN	NUMBER OF SIGNAL PIN	NUMBER OF SHIELD	A	B	M	GOLD THICKNESS MICROMETER	TIN THICKNESS MICROMETER
74696-10*1	10	40	10	27.00	18.00	4.75	0.76	0.76-1.52
74696-10*6							1.27	
74696-25*1							0.76	
74696-25*6	25	100	25	57.00	48.00	4.75	1.27	
74696-05*7							0.76	
74696-10*2							1.27	
74696-10*7	10	40	10	27.00	18.00	6.25	0.76	
74696-25*2							1.27	
74696-25*7							0.76	
74696-10*3	25	100	25	57.00	48.00	4.25	1.27	
74696-10*8							0.76	
74696-25*3							1.27	
74696-25*8	10	40	10	27.00	18.00	5.15	0.76	
74696-10*4							1.27	
74696-10*9							0.76	
74696-25*4	25	100	25	57.00	48.00	5.15	1.27	
74696-25*9							0.76	

LEAD FREE CONVERSION
EC NO: UCP2013-0687
DRAWINGS 2012/08/20
CHKD:MMOLFE 2012/11/26
APPR:SMILLER 2012/12/14

QUALITY SYMBOLS
▽=0
▽=0
▽=0

REV
H

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

SCALE 2.5:1
DESIGN UNITS METRIC
THIRD ANGLE PROJECTION

HSD SALES ASSEMBLY
5 ROW SIGNAL END
BACKPLANE
molex

DOCUMENT NO. SD-74696-002
SHEET NO. 2 OF 2

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