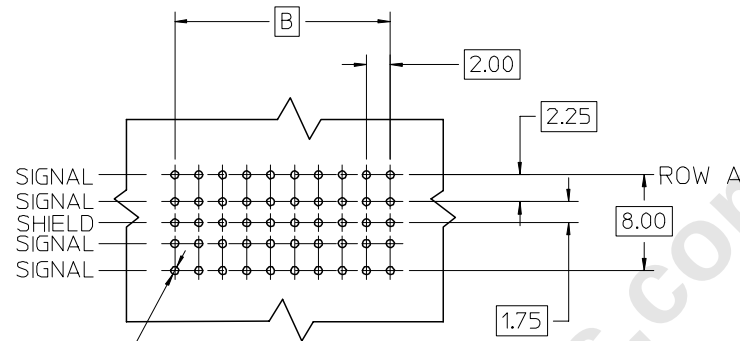
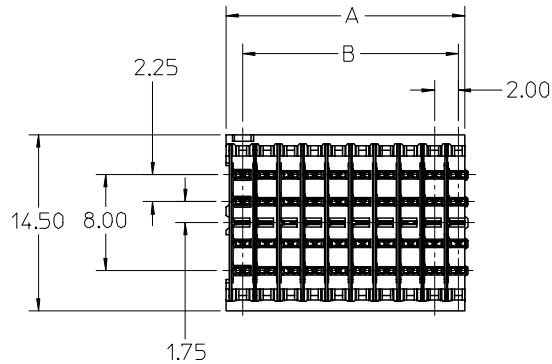
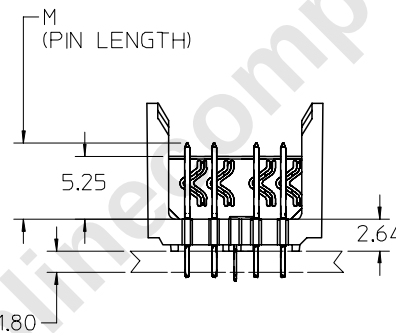
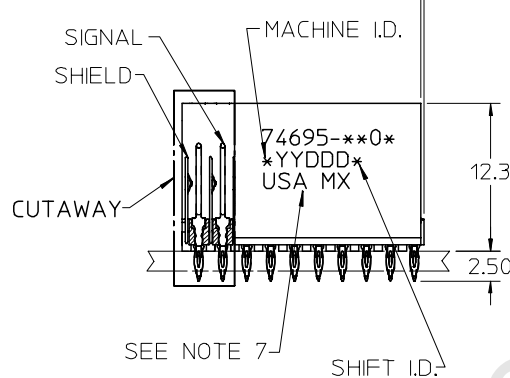


$\varnothing 0.66$ DRILL
 $\varnothing 0.56 \pm 0.05$ PTH
 $\varnothing 1.00$ PAD
 $\varnothing 0.10$

BACKPLANE HOLE PATTERN
RECOMMENDED DIMENSION

0.27 MAX OVERALL
PROTRUSION



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 TIN/LEAD (Sn/Pb) OR 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-74695-003.
7. EITHER MARK PART NUMBER AND DATE CODE APPROXIMATELY WHERE SHOWN OR PLACE LABEL ON THE TUBE.

REVISED: ADD LEAD-FREE EC NO: UCP2006-4727 DRWN:CTHOMAS 2006/02/16 CHKD:JBINGHAM 2006/02/16 APPR:KMULVEY 2006/02/16	QUALITY SYMBOLS DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)	SCALE 2.5:1		DESIGN UNITS METRIC			THIRD ANGLE PROJECTION	REVISE ON CAD ONLY			
			mm		INCH			DIMENSION STYLE MM ONLY		TITLE HSD SALES ASSEMBLY 5 ROW OPEN END BACKPLANE MOLEX INCORPORATED		
			4 PLACES	± ---	± ---	DRAWN BY MQWANG		DATE 2001/04/11				
			3 PLACES	± ---	± ---	CHECKED BY NMARTIN		DATE 2001/04/14				
			2 PLACES	± ---	± ---	APPROVED BY CBIXLER		DATE 2001/04/14				
			1 PLACE		± ---	± ---	ANGULAR ±1/2°		MATERIAL NO. SEE SHT.2&3		DOCUMENT NO. SD-74695-002	SHEET NO. 1 OF 3
			DRAFT WHERE APPLICABLE		MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					B

DAUGHTERCARD
CONNECTOR SIDE

MATERIAL NUMBER ASSIGNMENT

74695-**-** ** SEE TABLES (SHEET 3)

NUMBER OF COLUMNS/PLATING
10 = 10 COLUMN TIN/LEAD
12 = 12 COLUMN TIN/LEAD
15 = 15 COLUMN TIN/LEAD
25 = 25 COLUMN TIN/LEAD
90 = 10 COLUMN MATTE TIN
92 = 12 COLUMN MATTE TIN
95 = 15 COLUMN MATTE TIN
85 = 25 COLUMN MATTE TIN

0.41
SIGNAL TO
SIGNAL

0.75
TOP
DAUGHTERCARD
PCB TO CENTER
OF ROW A

ROW A

REVISED: ADD LEAD-FREE EC NO: UCP2006-4727 DRWN:CTHOMAS 2006/02/16 CHKD:JBINGHAM 2006/02/16 APPR:KMULVEY 2006/02/16	QUALITY SYMBOLS	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE 2.5:1	DESIGN UNITS METRIC		THIRD ANGLE PROJECTION	REVISE ON CAD ONLY			
					DIMENSION STYLE MM ONLY			TITLE				
			 -0	4 PLACES	± ---	± ---	DRAWN BY MQWANG		DATE 2001/04/11		HSD SALES ASSEMBLY 5 ROW OPEN END BACKPLANE	
				3 PLACES	± ---	± ---	CHECKED BY		DATE			
			 -0	2 PLACES	± ---	± ---	NMARTIN		2001/04/14		MOLEX INCORPORATED	
				1 PLACE	± ---	± ---	APPROVED BY CBIXLER		DATE 2001/04/14			
D	REV		ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
			DRAFT WHERE APPLICABLE		SEE TABLES		SD-74695-002		2 OF 3			
			MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						B	

13 12 11 10 9 8 7 6 5 4 3 2 1

J

I

H

G

F

E

D

C

B

A

PART NUMBER	COLUMN	NUMBER OF SIGNAL PINS	NUMBER OF SHIELDS	A	B	M	Au (um) THICKNESS	Sn/Pb (um)
74695-1001	10	40	10	20.00	18.00	4.75	0.76	0.76-152
74695-1006							1.27	
74695-1201	12	48	12	24.00	22.00		0.76	
74695-1206							1.27	
74695-2501	25	100	25	50.00	48.00		0.76	
74695-2506							1.27	
74695-1002	10	40	10	20.00	18.00	6.25	0.76	
74695-1007							1.27	
74695-1202	12	48	12	24.00	22.00		0.76	
74695-1207							1.27	
74695-2502	25	100	25	50.00	48.00		0.76	
74695-2507							1.27	
74695-1003	10	40	10	20.00	18.00	4.25	0.76	
74695-1008							1.27	
74695-1203	12	48	12	24.00	22.00		0.76	
74695-1208							1.27	
74695-2503	25	100	25	50.00	48.00		0.76	
74695-2508							1.27	
74695-1004	10	40	10	20.00	18.00	5.15	0.76	
74695-1009							1.27	
74695-1204	12	48	12	24.00	22.00		0.76	
74695-1209							1.27	
74695-2504	25	100	25	50.00	48.00		0.76	
74695-2509							1.27	

TIN/LEAD CHART

PART NUMBER	COLUMN	NUMBER OF SIGNAL PIN	NUMBER OF SHIELD	A	B	M	Au (um) THICKNESS	Sn (um)
74695-9001	10	40	10	20.00	18.00	4.75	0.76	0.76-152
74695-9006							1.27	
74695-9501	12	48	12	24.00	22.00		0.76	
74695-9506							1.27	
74695-8501	25	100	25	50.00	48.00		0.76	
74695-8506							1.27	
74695-9002	10	40	10	20.00	18.00	0.76		
74695-9007						1.27		
74695-9502	12	48	12	24.00	22.00	0.76		
74695-9507						1.27		
74695-8502	25	100	25	50.00	48.00	0.76		
74695-8507						1.27		
74695-9003	10	40	10	20.00	18.00	4.25	0.76	
74695-9008							1.27	
74695-9503	12	48	12	24.00	22.00		0.76	
74695-9508							1.27	
74695-8503	25	100	25	50.00	48.00		0.76	
74695-8508							1.27	
74695-9004	10	40	10	20.00	18.00	5.15	0.76	
74695-9009							1.27	
74695-9504	12	48	12	24.00	22.00		0.76	
74695-9509							1.27	
74695-8504	25	100	25	50.00	48.00		0.76	
74695-8509							1.27	

LEAD FREE CHART

ADDED SHEET: 3 EC NO: UCP2006-1727 DRAWN: THOMAS 2006/02/16 CHKD: J. BINGHAM 2006/02/16 APPR: K. MULVEY 2006/02/16 REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
		mm	INCH	DRAWN BY	DATE	TITLE					
		4 PLACES ± ---	± ---	MQWANG	2001/04/11	HSD SALES ASSEMBLY 5 ROW OPEN END BACKPLANE					
		3 PLACES ± ---	± ---	CHECKED BY	DATE						
D	DESCRIPTION	2 PLACES ± ---	± ---	NMARTIN	2001/04/14	MOLEX INCORPORATED		SHEET NO. 3 OF 3			
		1 PLACE ± ---	± ---	APPROVED BY	DATE						
		ANGULAR ±1/2°		CBIXLER	2001/04/14	SD-74695-002					
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLES							
SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									

12 11 10 9 8 7 6 5 4 3 2 1