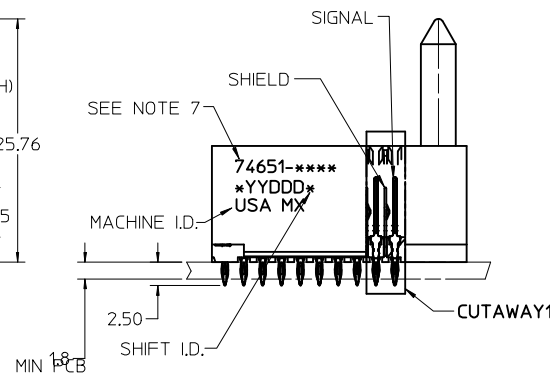
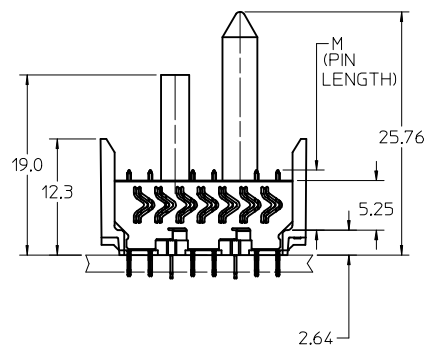
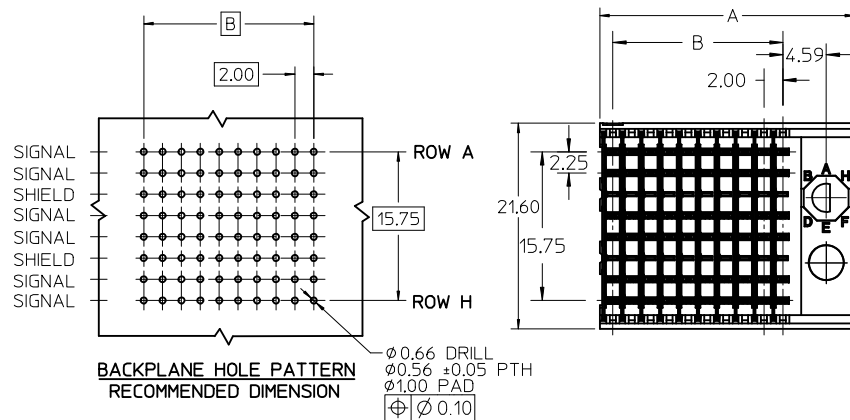


NOTES:

1. MATERIAL: HOUSING -LIQUID CRYSTAL POLYMER (LCP) GLASS-FILLED.
UL 94-0. COLOR BLACK. SIGNAL & SHIELD -HIGH
PERFORMANCE COPPER ALLOY.
2. FINISHES:
CONTACT AREA: SELECTIVE GOLD (Au)
PCB TAILS: SELECTIVE MATTE TIN (Sn)
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-74061-003.
7. MARK PART NUMBER AND DATE CODE APPROXIMATELY
WHERE SHOWN
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 DRAWINGS: 2012/08/24 CHKD:MMOLFE 2012/11/28 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 ⊙ □			
					DRAWN BY MQWANG		DATE 2001/03/26		TITLE HSD SALES ASSEMBLY 8 ROW SHIELD END BACKPLANE molex			
					CHECKED BY JLAURX		DATE 2001/04/01					
					APPROVED BY CBIXLER		DATE 2001/04/01					
					ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 2		SD-74651-002		1 OF 2			

M/N 74651-()		-**1*	-**2*	-**3*	-**4*	-**5*	-**6*	-**7*	-**8*
KEYING PIN ORIENTATION	0	A	B	C	D	E	F	G	H

74651-****

NUMBER OF COLUMNS/
PLATING

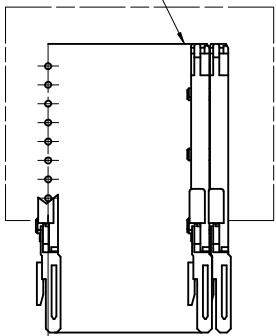
10 = 10 COLUMN MATTE TIN (FORMERLY TIN/LEAD)
25 = 25 COLUMN MATTE TIN (FORMERLY TIN/LEAD)
60 = 10 COLUMN MATTE TIN (MAPS)
75 = 25 COLUMN MATTE TIN (MAPS)
90 = 10 COLUMN MATTE TIN
85 = 25 COLUMN MATTE TIN

CONTACT LOAD
(PIN LENGTH)

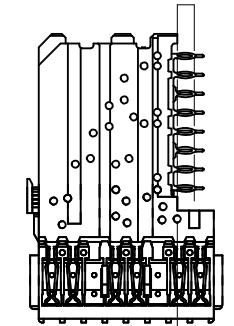
1 & 6 = 4.75
2 & 7 = 6.25
3 & 8 = 4.25
4 & 9 = 5.15

PART NUMBER	COLUMN	NUMBER OF SIGNAL PIN	NUMBER OF SHIELD	A	B	M	GOLD THICKNESS MICROMETER	TIN THICKNESS MICROMETER
74651-60*1	10	60	10	27.00	18.00	4.75	0.25 MAPS	0.76-1.52
74651-*0*1							0.76	
74651-*0*6							1.27	
74651-75*1	25	150	25	57.00	48.00		0.25 MAPS	
74651-*5*1							0.76	
74651-*5*6							1.27	
74651-60*2	10	60	10	27.00	18.00	6.25	0.25 MAPS	
74651-*0*2							0.76	
74651-*0*7							1.27	
74651-75*2	25	150	25	57.00	48.00		0.25 MAPS	
74651-*5*2							0.76	
74651-*5*7							1.27	
74651-60*3	10	60	10	27.00	18.00	4.25	0.25 MAPS	
74651-*0*3							0.76	
74651-*0*8							1.27	
74651-75*3	25	150	25	57.00	48.00		0.25 MAPS	
74651-*5*3							0.76	
74651-*5*8							1.27	
74651-60*4	10	60	10	27.00	18.00	5.15	0.25 MAPS	
74651-*0*4							0.76	
74651-*0*9							1.27	
74651-75*4	25	150	25	57.00	48.00		0.25 MAPS	
74651-*5*4							0.76	
74651-*5*9							1.27	

DAUGHTERCARD
CONNECTOR SIDE

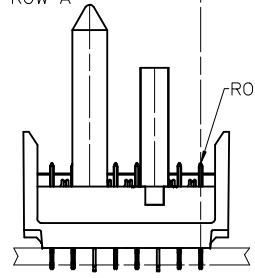
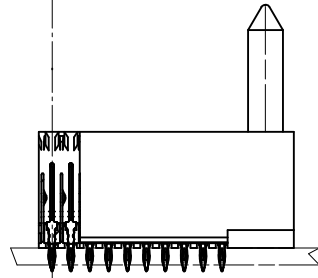


0.41
SIGNAL TO SIGNAL



2.45
TOP DAUGHTERCARD
PCB TO CENTER OF
ROW A

ROW A



SEE SHEET 1

EC NO: UCP2013-0687

DRWNGES 2012/08/24

CHKD:MOLFE 2012/11/28

APPR:SMILLER 2012/12/14

REV

DESCRIPTION

QUALITY
SYMBOLS

▽=0

▽=0

▽=0

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

MO WANG 2001/03/26

CHECKED BY DATE

JLAURX 2001/04/01

APPROVED BY DATE

2001/04/01

MATERIAL NO.

SEE TABLE

SIZE C

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

SCALE
2.5:1

DESIGN UNITS
METRIC

THIRD ANGLE
PROJECTION

TITLE

HSD SALES ASSEMBLY
8 ROW SHIELD END
BACKPLANE

molex

DOCUMENT NO.

SD-74651-002

SHEET NO.

2 OF 2

Mouser Electronics

Authorized Distributor

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[74651-1022](#)