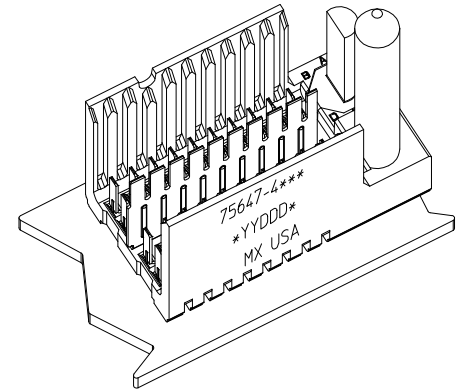
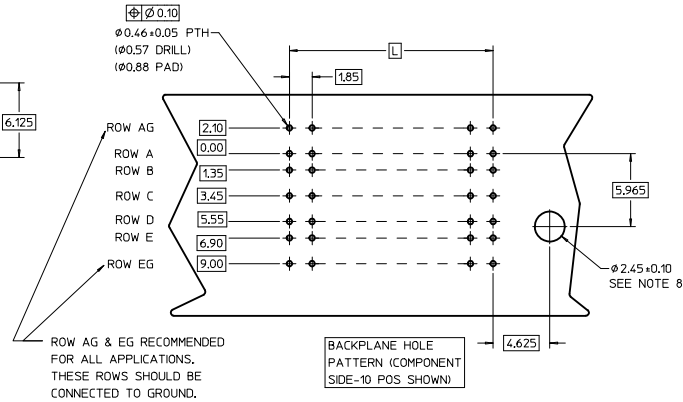
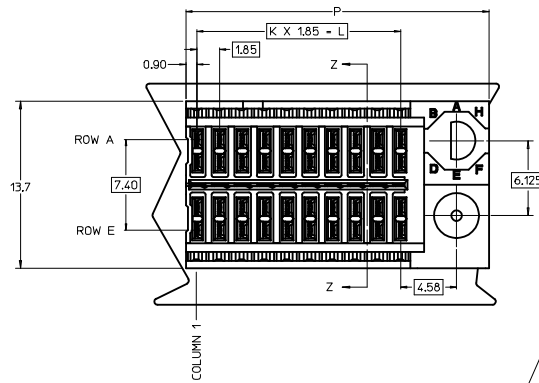
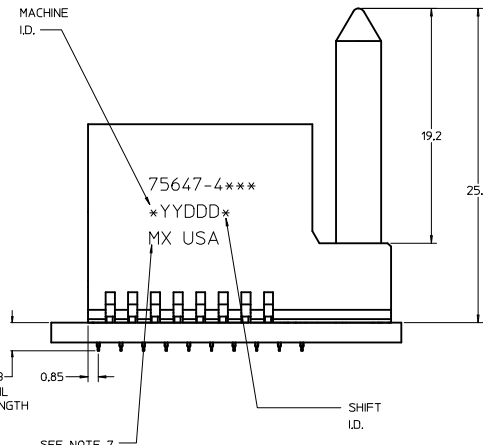
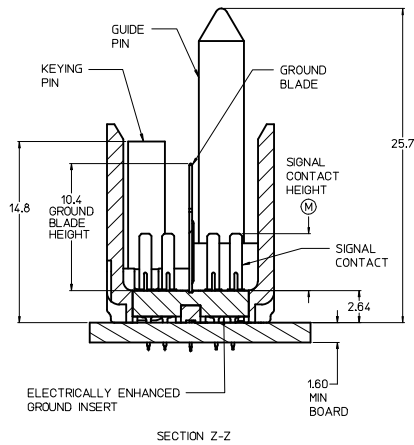




THE PRIMARY CARTON WITH A LABEL STATING "ELV AND RoHS COMPLAINT" IS LEAD FREE. CARTONS WITHOUT THIS LABEL MAY CONTAIN LEAD.



MATING SIDE OF SHIELD (OPPOSITE RIB SIDE OF CONTACT)

MATING SIDE OF SIGNAL (RIB SIDE OF CONTACT)

DETAIL SCALE 10:1

NOTCH DESIGNATES APPROXIMATE POSITION AT A1 ARCH AND NOTCH ON OPPOSITE SIDE OF PART MARKING.

NOTES:

1. MATERIAL: HOUSING - LIQUID CRYSTAL POLYMER (LCP) GLASS-FILLED, UL 94V-0, COLOR - GRAY. ELECTRICALLY ENHANCED GROUND INSERT - CONDUCTIVE RESIN, COLOR - RED. SIGNAL CONTACT AND GROUND BLADE - HIGH PERFORMANCE COPPER ALLOY.
2. FINISHES: SELECTIVE GOLD (Au) ON CONTACT AREA, SELECTIVE MATTE TIN (Sn) ON PCB TAILS, NICKEL (Ni) OVERALL.
3. THESE PARTS CONFORM TO MOLEX PRODUCT SPECIFICATION PS-75221-999.
4. FOR MIXED CONTACT MATING LENGTHS CONSULT MOLEX FOR AVAILABILITY. CONTACT PAIRS MUST BE THE SAME LENGTH.
5. FOR SPECIFIC PART NUMBER AND MATING INFORMATION PLEASE REFER TO CHART.
6. PACKAGE PER PK-70873-5058.
7. MARK PART NUMBER AND DATE CODE APPROXIMATELY WHERE SHOWN.
8. OPTIONAL HOLE LOCATION FOR GROUNDED GUIDE PIN OR ADDITIONAL GUIDE PIN SUPPORT. FOR GROUNDED GUIDE PIN, HOLE TO BE PLATED, DRILL SIZE Ø258, PAD SIZE Ø550.
9. THESE PARTS CONFORM TO MOLEX COSMETIC SPECIFICATION PS-45499-002 CLASS B.
10. MAPS (MOLEX ADVANCED PLATING SYSTEM).

MODULE ORIENTATION
RIGHT = 4

KEYING ORIENTATION
0=NONE
1=A
2=B
ETC...

75647-4
COLUMN
1=10 COL
2=25 COL
5=5 COL

PIN LENGTH DIM "M"	GOLD (Au) THICKNESS micrometers
0=3.55 mm	0.25 (MAPS)
1=4.55 mm	
2=5.55 mm	
3=3.55 mm	0.76
4=4.55 mm	
5=5.55 mm	
7=3.55 mm	1.27
8=4.55 mm	
9=5.55 mm	

PART NUMBER TABLE				
ASSY PART NO.	K	L	P	TOTAL NO. OF DIFFERENTIAL PAIRS
75647-45**	4	7.40	15.53	10
75647-41**	9	16.65	24.78	20
75647-42**	24	44.40	52.53	50

P/N 75647-()	--0*	--1*	--2*	--3*	--4*	--5*	--6*	--7*	--8*
KEYING PIN ORIENTATION	0	A	B	C	D	E	F	G	H

LEAD-FREE
PLATING

REV TO LEAD-FREE IEC NO: UCP2013-0690 DRAWN BY: CHYD-MOLFE CHECKED BY: APPR: SMILLER DATE: 2012/09/05 DATE: 2012/12/05	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED) DIM mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.25 ± --- 1 PLACE ± 0.38 ± --- 0 PLACE ± --- ± --- ANGULAR ± 1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE MM ONLY DRAWN BY: J.B. INGHAM CHECKED BY: KMULVEY APPROVED BY: SMILLER DATE: 2006/01/19 DATE: 2006/01/19 DATE: 2012/12/05	SCALE 5:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION	TITLE GBX 2-PAIR BACKPLANE LF ELECTRICALLY ENHANCED RIGHT END SALES ASSEMBLY molex MATERIAL NO. SEE CHART DOCUMENT NO. SD-75647-410	SHEET NO. 1 OF 1