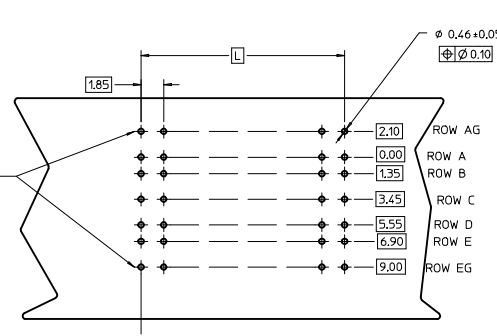


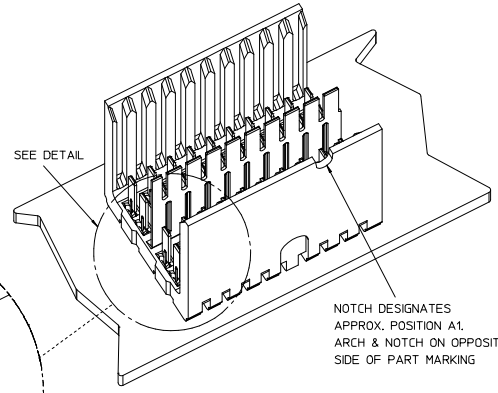
ROWS AG & EG RECOMMENDED FOR ALL APPLICATIONS. THESE ROWS SHOULD BE CONNECTED TO GROUND.



BACKPLANE HOLE PATTERN (COMPONENT SIDE 10-POSITION SHOWN)

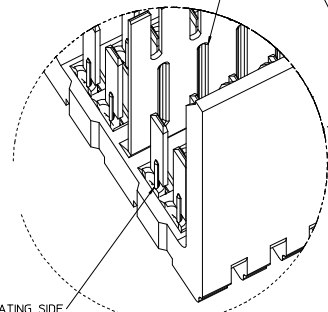
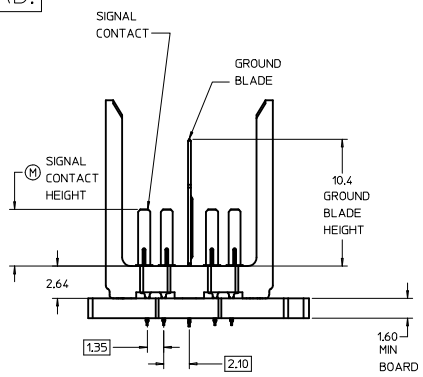
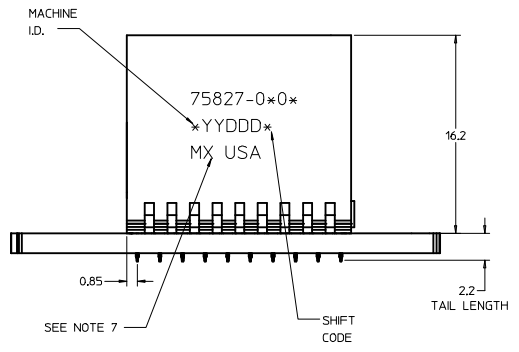
PLATED THRU HOLE (Ø0.57 DRILL) (Ø0.88 PAD)

MATING SIDE OF SHIELD (OPPOSITE RIB SIDE OF CONTACT)

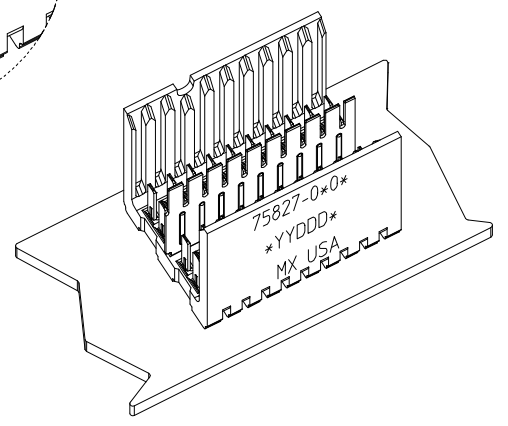


NOTCH DESIGNATES APPROX. POSITION A1. ARCH & NOTCH ON OPPOSITE SIDE OF PART MARKING

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



DETAIL SCALE 10:1



LEAD-FREE PLATING

- NOTES:
1. MATERIAL: HOUSING - LIQUID CRYSTAL POLYMER (LCP) GLASS-FILLED, UL 94V-0, COLOR - GRAY. 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. THIS PART CONFORMS 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. EITHER MARK PART NUMBER AND DATE CODE APPROXIMATELY WHERE SHOWN OR PLACE A LABEL ON THE TUBE.
 8. THESE PARTS CONFORM TO MOLEX COSMETIC SPECIFICATION PS-45499-002 CLASS B.
 9. MAPS (MOLEX ADVANCED PLATING SYSTEM).

75827-***0*
 COLUMN
 01 = 10 COL
 02 = 25 COL
 05 = 5 COL
 KEYING
 ORIENTATION
 OPEN = 0 (NONE)

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	

ASSY PART NO.	K	L	P	TOTAL NO. OF DIFFERENTIAL PAIRS
75827-050*	4	7.40	9.10	10
75827-010*	9	16.65	18.35	20
75827-020*	24	44.40	46.10	50

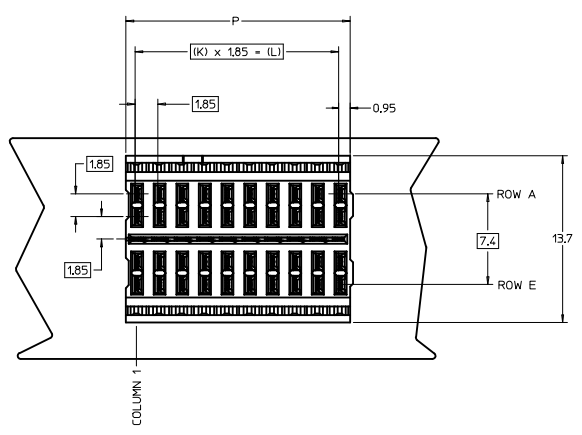
REV TO LEADFREE EC NO: UCP2013-0690 DRAWN/MOLEX 2012/08/17 CHK/OSWANG 2012/08/17 APPR/SCHILLER 2012/12/05	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	4 PLACES ± --- ± ---	MM ONLY	5:1	METRIC	
	▽=0	3 PLACES ± --- ± ---				
	▽=0	2 PLACES ± 0.25 ± ---				
		1 PLACE ± 0.38 ± ---				
		0 PLACE ± ±				
		ANGULAR ±1/2°				
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				
			SEE TABLE			
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

GBX 2-PAIR, LF
 OPEN END BACKPLANE
 SALES ASSEMBLY

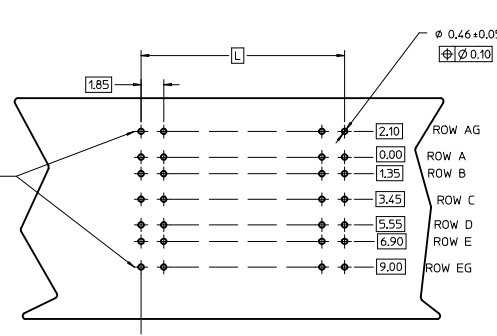
molex

SD-75827-010

SHEET NO. 1 OF 1



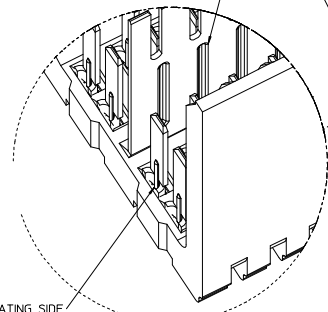
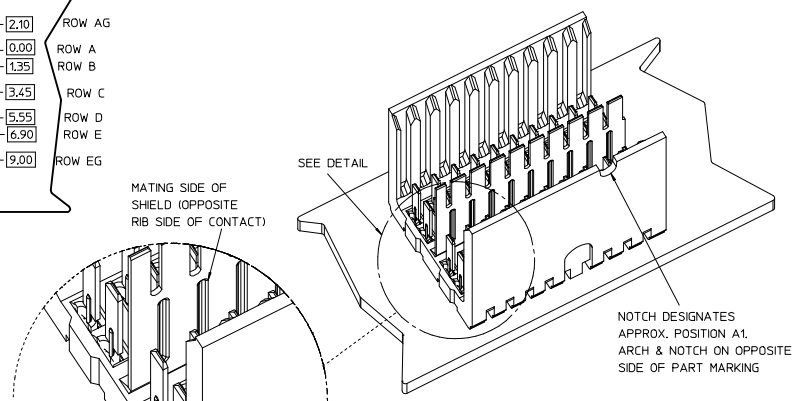
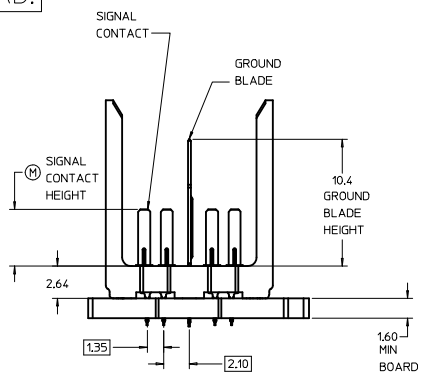
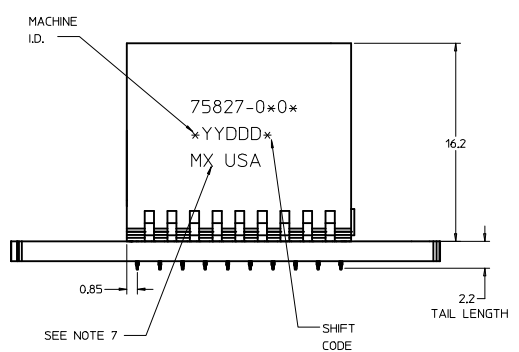
ROWS AG & EG RECOMMENDED FOR ALL APPLICATIONS. THESE ROWS SHOULD BE CONNECTED TO GROUND.



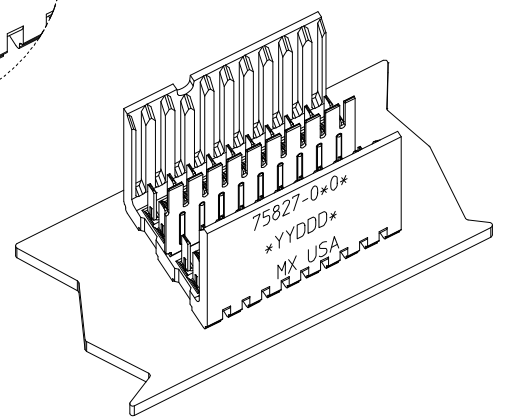
PLATED THRU HOLE ($\varnothing 0.57$ DRILL) ($\varnothing 0.88$ PAD)

BACKPLANE HOLE PATTERN (COMPONENT SIDE 10-POSITION SHOWN)

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



DETAIL SCALE 10:1



LEAD-FREE PLATING

- NOTES:
1. MATERIAL: HOUSING - LIQUID CRYSTAL POLYMER (LCP) GLASS-FILLED, UL 94V-0, COLOR - GRAY. SIGNAL CONTACT AND GROUND BLADE - HIGH PERFORMANCE COPPER ALLOY.
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 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.
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 7. EITHER MARK PART NUMBER AND DATE CODE APPROXIMATELY WHERE SHOWN OR PLACE A LABEL ON THE TUBE.
 8. THESE PARTS CONFORM TO MOLEX COSMETIC SPECIFICATION PS-45499-002 CLASS B.
 9. MAPS (MOLEX ADVANCED PLATING SYSTEM).

75827-***x0***
 COLUMN
 01 = 10 COL
 02 = 25 COL
 05 = 5 COL
 KEYING
 ORIENTATION
 OPEN = 0 (NONE)

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	

ASSY PART NO.	K	L	P	TOTAL NO. OF DIFFERENTIAL PAIRS
75827-050*	4	7.40	9.10	10
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REV TO LEADFREE EC NO: UCP2013-0690 DRAWN/MOLEX 2012/08/17 CHK/OSWANG 2012/08/17 APPR/SCHILLER 2012/12/05	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	∇=0 ∇=0 ∇=0	4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.25 ± --- 1 PLACE ± 0.38 ± --- 0 PLACE ± ±	mm INCH --- --- --- --- --- --- --- ---	MM ONLY	5:1	METRIC	DRAWN BY DATE NMARTIN 2005/06/28 CHECKED BY DATE JMYCZEK 2005/06/28 APPROVED BY DATE SREED 2005/06/28
	ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. SEE TABLE	TITLE GBX 2-PAIR, LF OPEN END BACKPLANE SALES ASSEMBLY	DOCUMENT NO. SD-75827-010	SHEET NO. 1 OF 1		
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						