



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, 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-70873-572.
7. EITHER MARK PART NUMBER AND DATE CODE APPROXIMATELY WHERE SHOWN OR PLACE A LABEL ON THE TUBE.
8. OPTIONAL HOLE LOCATION FOR GROUNDED GUIDE PIN OR ADDITIONAL GUIDE PIN SUPPORT. FOR GROUNDED GUIDE PIN, HOLE TO BE PLATED, DRILL SIZE Ø2.58, PAD SIZE Ø5.50
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...

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	
8-4.55 mm	1.27
9-5.55 mm	

PART NUMBER TABLE				
ASSY PART NO.	K	L	P	TOTAL NO. OF DIFFERENTIAL PAIRS
75836-41**	9	16.65	24.78	30
75836-42**	24	44.40	52.53	75
75836-45**	4	7.40	15.53	15

P/N	0	1	2	3	4	5	6	7	8
75836-()	0	A	B	C	D	E	F	G	H
KEYING PIN ORIENTATION									

LEAD-FREE PLATING ON SIGNALS, & GROUNDS.

ADD MAPS EC NO: UCP2013-5239 D: DRWNS/MAN01 2013/06/06 CHYD/MOLEE 2013/06/06 APPR/SCHILLER 2014/02/03 REV DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	∇=0 ∇=0 ∇=0	4 PLACES ±--- INCH 3 PLACES ±--- INCH 2 PLACES ±0.13 INCH 1 PLACE ±0.25 INCH 0 PLACE ± INCH	MM ONLY	MM ONLY	METRIC	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWN BY: NMARTIN CHECKED BY: KMULVEY APPROVED BY: JBLINGHAM DATE: 2006/01/13 DATE: 2006/01/16 DATE: 2006/01/17	TITLE: GBX 3-PAIR RIGHT END BACKPLANE ASSEMBLY LEAD-FREE SALES DRAWING molex MATERIAL NO. SD-75836-410 DOCUMENT NO. SD-75836-410	SHEET NO. 1 OF 1		