



LEAD-FREE PLATING

CONFIGURATION		
ASSEMBLY NO.	K	P
75830-51**	9	16.65
75830-52**	24	44.40
75830-57**	6	11.10

P/N	---*0*	---*1*	---*2*	---*3*	---*4*	---*5*	---*6*	---*7*	---*8*
75830-( )	A	B	C	D	E	F	G	H	
KEYING PIN ORIENTATION									

- NOTES:
- MATERIAL: HOUSING - LIQUID CRYSTAL POLYMER (LCP) GLASS-FILLED, UL 94V-0, COLOR - GRAY, ELECTRICALLY ENHANCED INSERT: CONDUCTIVE RESIN, COLOR - BLACK, SIGNAL CONTACT AND GROUND BLADE - HIGH PERFORMANCE COPPER ALLOY.
  - FINISHES: SELECTIVE GOLD (Au) ON CONTACT AREA, SELECTIVE MATTE TIN (Sn) ON PCB TAILS, NICKEL (Ni) OVERALL.
  - THESE PARTS CONFORM TO MOLEX PRODUCT SPECIFICATION PS-75221-999.
  - FOR MIXED CONTACT MATING LENGTHS CONSULT MOLEX FOR AVAILABILITY, CONTACT PAIRS MUST BE THE SAME LENGTH.
  - FOR SPECIFIC PART NUMBER AND MATING INFORMATION PLEASE REFER TO CHART.
  - PACKAGE PER PK-70873-563.
  - EITHER MARK PART NUMBER AND DATE CODE APPROXIMATELY WHERE SHOWN, ON EITHER SIDE OF THE PART OR PLACE A LABEL ON THE TUBE.
  - OPTIONAL HOLE LOCATION FOR GROUNDED GUIDE PIN OR ADDITIONAL GUIDE SUPPORT. SEE DRAWING SD-75234-100 FOR DETAILS.
  - MINIMUM BOARD THICKNESS: 1.6
  - THESE PARTS CONFORM TO MOLEX COSMETIC SPECIFICATION PS-45499-002 CLASS B.
  - HAPS 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.

75830-5***	PIN LENGTH DIM "M"	GOLD (Au) THICKNESS micrometers
COLUMN		
51 = 10	0-3.55 mm	
52 = 25	1-4.55 mm	0.25 (MAPS)
57 = 7	2-5.55 mm	
	3-3.55 mm	
	4-4.55 mm	0.76
	5-5.55 mm	
	7-3.55 mm	
	8-4.55 mm	1.27
	9-5.55 mm	

REV TO LEAD-FREE  
EC NO: UCP 2013-1905  
DRAWINGS: 2012/09/06  
CHKD/MOLEX: 2012/09/06  
APPROX/MILLER: 2012/12/05

QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	mm	INCH	MM ONLY	DATE			
∇=0	4 PLACES ±---	±---	DRAWN BY	DATE	5:1	METRIC	
∇=0	3 PLACES ±---	±---	CHECKED BY	DATE			
∇=0	2 PLACES ±0.25	±---	JLAURX	2008/01/22	<b>TITLE</b> GBX 4-PAIR BACKPLANE LF ELECTRICALLY ENHANCED RIGHT END SALES ASSEMBLY		
	1 PLACE ±0.38	±---	APPROVED BY	DATE			
	0 PLACE ±---	±---	MILLER	2012/12/05			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		ANGULAR ±1/2°	MATERIAL NO.		DOCUMENT NO.		SHEET NO.
		SEE CHART	SD-75830-510		1 OF 1		