



- 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 TIN/LEAD (Sn/Pb) 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 Ø2.58, PAD SIZE Ø5.50.
  9. THESE PARTS CONFORM TO MOLEX COSMETIC SPECIFICATION PS-45499-002 CLASS B.

MODULE ORIENTATION RIGHT = 4

75834-4 \* \* \* \*

KEYING ORIENTATION COLUMN \* \* \* \*  
 1-10 COL 1-10 COL  
 0-NONE 2-25 COL  
 1=A 5-5 COL  
 2=B  
 ETC...

PIN LENGTH DIM "M"  
 3=3.55 mm  
 4=4.55 mm  
 5=5.55 mm

PART NUMBER TABLE				
ASSY PART NO.	K	L	P	TOTAL NO. OF DIFFERENTIAL PAIRS
75834-45**	4	7.40	15.53	10
75834-41**	9	16.65	24.78	20
75834-42**	24	44.40	52.53	50

LEAD-FREE  
PLATING ON  
SIGNALS &  
GROUND

P/N	--*0*	--*1*	--*2*	--*3*	--*4*	--*5*	--*6*	--*7*	--*8*
75834-( )	0	A	B	C	D	E	F	G	H
KEYING PIN ORIENTATION									

ADD 5-COL PART EC NO: UCP2008-0466 2007/08/31 DRAWN: JB INGHAM 2007/09/04 CHKD: 2007/09/04 APPR: JLAURX 2007/09/04 REV DESCRIPTION	<b>QUALITY SYMBOLS</b> ▽=0 ▽=0	<b>GENERAL TOLERANCES (UNLESS SPECIFIED)</b> <table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>± .15</td> <td>± .005</td> </tr> <tr> <td>3 PLACES</td> <td>± .20</td> <td>± .008</td> </tr> <tr> <td>2 PLACES</td> <td>± .30</td> <td>± .012</td> </tr> <tr> <td>1 PLACE</td> <td>± .40</td> <td>± .016</td> </tr> <tr> <td>ANGULAR</td> <td>± .5°</td> <td>± .010°</td> </tr> </table>		mm	INCH	4 PLACES	± .15	± .005	3 PLACES	± .20	± .008	2 PLACES	± .30	± .012	1 PLACE	± .40	± .016	ANGULAR	± .5°	± .010°	<b>DIMENSION STYLE</b> MM ONLY	<b>SCALE</b> 5:1	<b>DESIGN UNITS</b> METRIC	<b>THIRD ANGLE PROJECTION</b>
		mm	INCH																					
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DRAWN BY: JB INGHAM DATE: 2007/05/01 CHECKED BY: SREED DATE: 2007/05/01 APPROVED BY: SREED DATE: 2007/05/01	<b>TITLE</b> GBX 2-PAIR LF BACKPLANE ELECTRICALLY ENHANCED RIGHT END SALES ASSEMBLY	<b>MATERIAL NO.</b> SEE CHART	<b>DOCUMENT NO.</b> SD-75834-410	<b>SHEET NO.</b> 1 OF 1	<b>MOLEX INCORPORATED</b>																			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS																								
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																								