

## Excellent Integrated System Limited

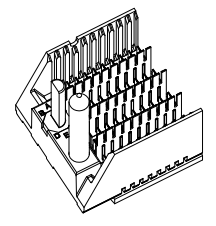
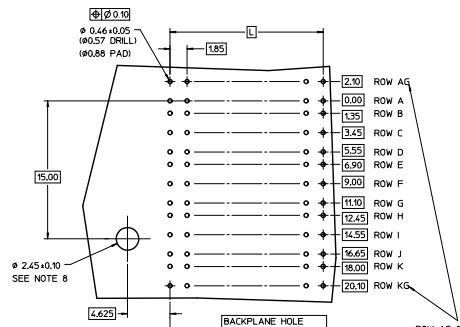
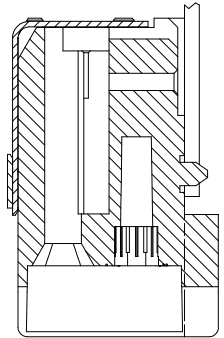
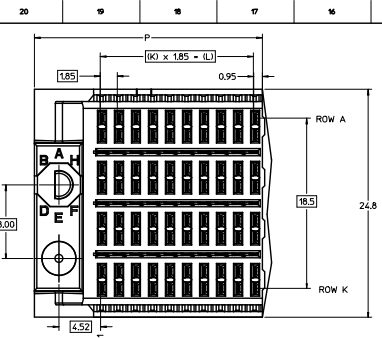
Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

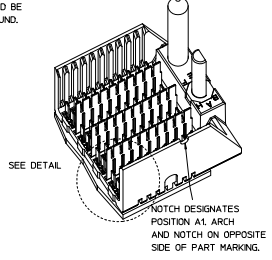
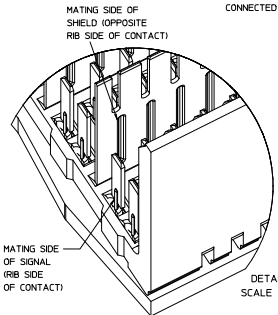
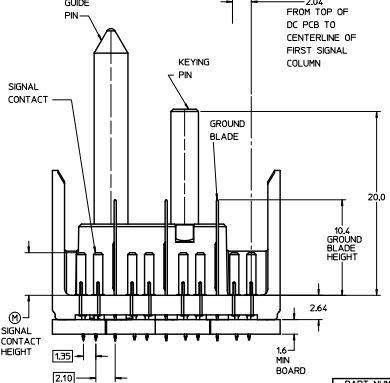
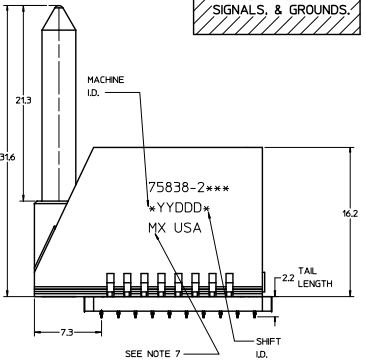
[Molex Connector Corporation](#)  
[0758382205](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)



**LEAD-FREE PLATING ON SIGNALS, & GROUNDS.**



- 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) 0.25 (MAPS), 0.76, OR 1.27 micrometers THICKNESS 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-70873-563.
  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  $\phi 2.58$ , PAD SIZE  $\phi 5.50$ .
  9. THESE PARTS CONFORM TO MOLEX COSMETIC SPECIFICATION PS-45499-02 CLASS B.

| PART NUMBER TABLE |    |       |       |                                 |
|-------------------|----|-------|-------|---------------------------------|
| ASSY PART NO.     | K  | L     | P     | TOTAL NO. OF DIFFERENTIAL PAIRS |
| 75838-21**        | 9  | 16.65 | 24.78 | 20                              |
| 75838-22**        | 24 | 44.40 | 52.53 | 100                             |

| P/N 75838-( )          | **0* | **1* | **2* | **3* | **4* | **5* | **6* | **7* | **8* |
|------------------------|------|------|------|------|------|------|------|------|------|
| KEYING PIN ORIENTATION |      |      |      |      |      |      |      |      |      |

| PIN LENGTH DIM "M" | GOLD (Au) THICKNESS micrometers |
|--------------------|---------------------------------|
| 0-3.55 mm          | 0.25                            |
| 1-4.25 mm          |                                 |
| 2-5.55 mm          |                                 |
| 3-3.55 mm          | 0.76                            |
| 4-4.55 mm          |                                 |
| 7-3.55 mm          |                                 |
| 8-4.55 mm          | 1.27                            |
| 9-5.55 mm          |                                 |

**ADD MAPS PLATING**  
ECN: 075838-2205-16  
DRAWN/DATE: 2007/05/16  
CHKD/DATE: 2007/05/16  
APPROVED/DATE: 2007/05/16

| QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION |
|-----------------|---------------------------------------|-----------------|-------|--------------|------------------------|
| $\nabla=0$      | 4 PLACES ± --- INCH                   | MM ONLY         | 5:1   | METRIC       |                        |
| $\nabla=1$      | 3 PLACES ± 0.25                       |                 |       |              |                        |
| $\nabla=2$      | 2 PLACES ± 0.38                       |                 |       |              |                        |
| $\nabla=3$      | 1 PLACE ± 0.38                        |                 |       |              |                        |
| $\nabla=4$      | 0 PLACE ± ---                         |                 |       |              |                        |

**MOLEX**

DOCUMENT NO. SD-75838-210

SHEET NO. 1 OF 1

TITLE: GBX 4-PAIR LEFT END BACKPLANE ASSEMBLY LEAD-FREE SALES DRAWING

DATE: 2006/10/03

CREATED BY: THOMAS

APPROVED BY: KMLVEY

DATE: 2006/10/04

DATE: 2006/10/05