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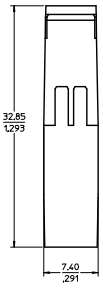
Molex Connector Corporation
0755616000

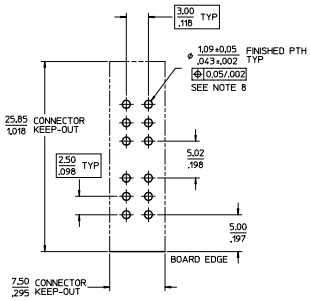
For any questions, you can email us directly:
sales@integrated-circuit.com

PART NUMBER	TAIL PLATING	PLATING
75561-6000	TIN	0.75µm/30µin MIN SELECT HARD GOLD IN CONTACT AREA WITH 2.50µm/100µin MIN SELECT TIN IN TAIL AREA OVER 1.25µm/50µin MIN NICKEL OVERALL

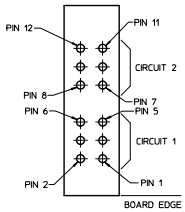
NOTES:

1. MATERIALS:
   - HOUSING: 30% GLASS FILLED, LCP 94V-0, COLOR: BLACK
   - TERMINALS: COPPER ALLOY
   PLATING: PER ES-88 - SEE CHART
2. SEE CHART FOR REFERENCE DOCUMENTS
3. PLUG MATES WITH RECEPTACLE ASSEMBLIES: 75545-5000 & 75545-5001
4. MODULE IS DESIGNED FOR PRESS FIT TO THE PCB
5. MODULE ASSEMBLY IS RoHS COMPLIANT
6. GATHERABILITY: ±0.65/.026 X-DIRECTION
   ±1.30/.051 Y-DIRECTION
7. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPEC PS-45499-002
8. PLATED THRU HOLE (PTH) DIMENSIONS: Ø1.09+-0.05/.043+-.002 FINISHED PTH (TYP)
   Ø1.200+-0.013/.0472+-.0005 DRILL
   0.025/.001 COPPER PLATE THICKNESS

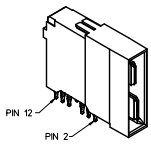


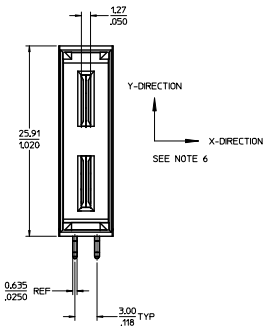


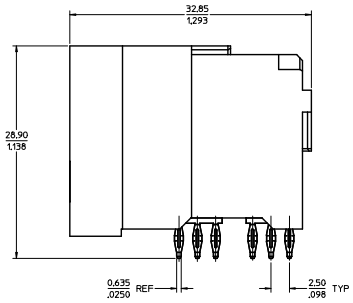
PCB LAYOUT
3.18/.125 MIN THICK

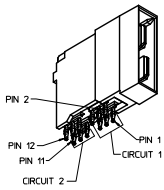


PINOUT DETAIL









REFERENCE DOCUMENTS	
PS-75431-999	PRODUCT SPECIFICATION: PERFORMANCE AND RATINGS
SD-75555-***	FINAL ASSEMBLY CONFIGURATION DRAWING

REV	DESCRIPTION
A	CORRECTED HSG GRAPHICS EC NO: UCP2014-2193 2013/11/18 DRWN:JQUILES 2013/11/19 CHK:DBANDURA 2013/12/16 APPR:APATEL

QUALITY SYMBOLS: ▽=0, ▽=0, ▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .008
2 PLACES	± 0.20	± .013
1 PLACE	± 0.33	± ---
0 PLACE	±	±
ANGULAR	±1/2°	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE	MM/IN
SCALE	4:1
DESIGN UNITS	METRIC
	THIRD ANGLE PROJECTION
DRAWN BY	DBANDURA 2007/01/16
CHECKED BY	MDATA 2007/01/16
APPROVED BY	APATEL
MATERIAL NO.	SEE CHART
SIZE	A4
TITLE	POWERMASS 80 AMP MODULE, PLUG
DOCUMENT NO.	SD-75561-200
SHEET NO.	1 OF 1

molex

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tb_frame_D_P_AM_T Rev. G 2012/09/11