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For any questions, you can email us directly:

sales@integrated-circuit.com

PART
NUMBER

PLATING

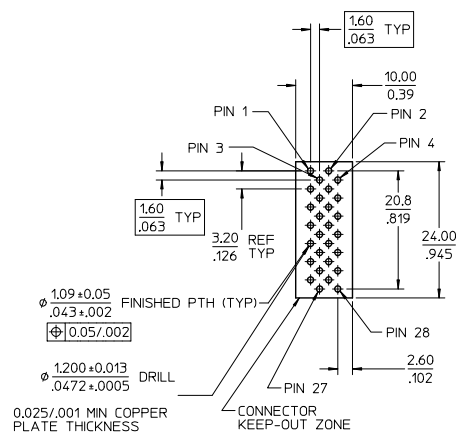
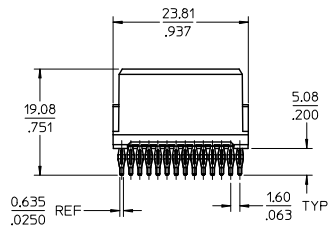
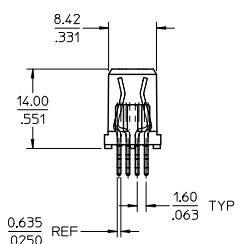
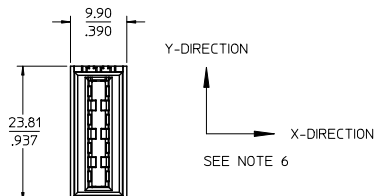
75542-5000

30μ INCH MIN SELECT HARD GOLD IN CONTACT AREA WITH
100μ INCH MIN SELECT TIN IN TAIL AREA OVER
50μ INCH MIN NICKEL OVERALL

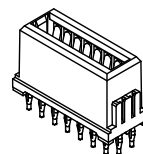
(A8)

NOTES:

1. MATERIALS:
- HOUSING: 30% GLASS FILLED, LCP 94V-0, COLOR: BLACK
- TERMINALS: COPPER ALLOY
PLATING: PER ES-88 - SEE CHART
LUBRICATION: EB1 IN CONTACT AREA
2. SEE CHART FOR REFERENCE DOCUMENTS
3. RECEPTACLE MATES WITH PLUG ASSEMBLIES: 75556-5*** & 75556-15**
4. AVERAGE INSERTION FORCE INTO PCB IS 8.2 Kg/18 LBS PER TAIL
5. MODULE ASSEMBLY IS RoHS COMPLIANT
6. GATHERABILITY: $\pm 0.65/0.026$ X-DIRECTION
 $\pm 1.30/0.051$ Y-DIRECTION
7. TERMINAL RETENTION INTO HOUSING .45Kg/1.0 LB



PCB LAYOUT
3.18/.125 MIN THICK



REFERENCE DOCUMENTS

PS-75431-999	PRODUCT SPECIFICATION: PERFORMANCE AND RATINGS
SD-75541-***	FINAL ASSEMBLY CONFIGURATION DRAWING
AS-75541-100	APPLICATION SPECIFICATION

REMOVE PART NUMBER EC NO: UCP2014-0650 DRAWN BY: DR. BHANDARI CHKD: APPR: A8 REV: A8	2013/08/15	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	TITLE POWERMASS 150 AMP MODULE RECEPTACLE MOLEX INCORPORATED
	2013/09/05					MM/IN		2:1	METRIC		
				mm	INCH	DRAWN BY	DATE	TITLE			
	▽=0			4 PLACES ±	---	ADRNOL	2005/04/19				
	▽=0			3 PLACES ±	---	CHECKED BY	DATE				
	▽=0			2 PLACES ±	0.20	±.013	MDATA	2005/04/19			
	▽=0			1 PLACE ±	0.33	±---	APPROVED BY	DATE			
	ANGULAR ±1/2°			JCOMERC1	2009/12/17	MOLEX					
				MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
				SEE CHART		SD-75542-100		1 OF 1			
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											