

PART
NUMBER

PLATING

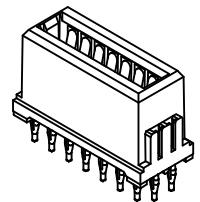
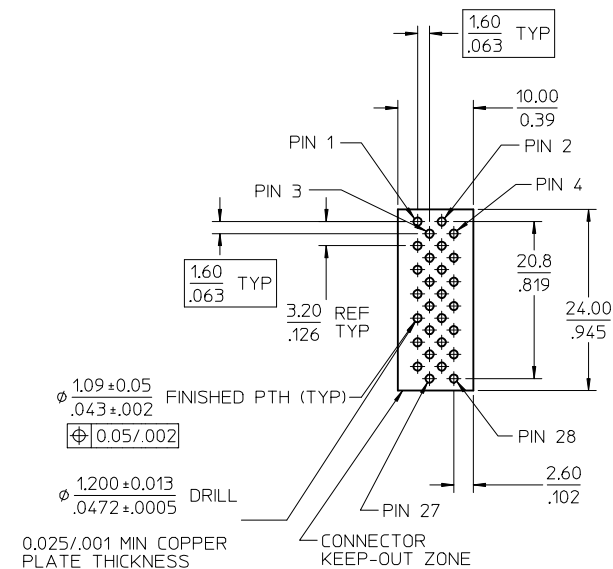
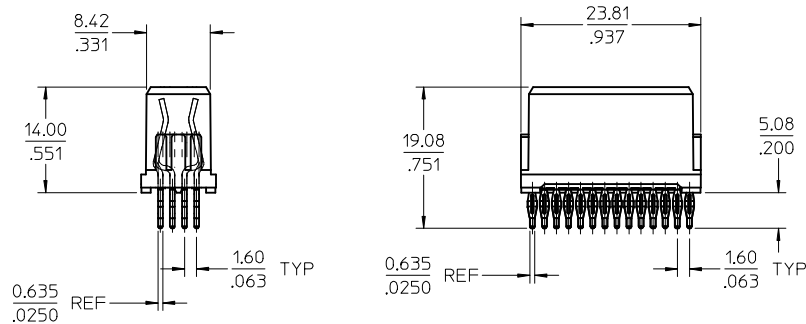
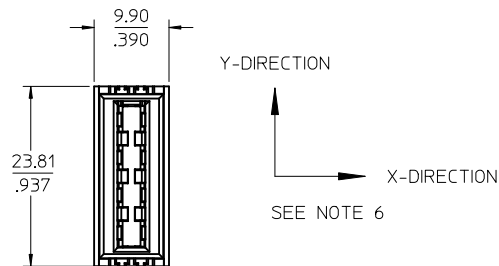
75542-5000

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

(A8)

NOTES:

1. MATERIALS:
 - HOUSING: 30% GLASS FILLED, LCP 94V-0, COLOR: BLACK
 - TERMINALS: COPPER ALLOYPLATING: 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: $\pm 0.65/.026$ X-DIRECTION
 $\pm 1.30/.051$ 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: UCP2014-0690
DRAWN: MBANDURA 2013/08/15
CHKD:
APPR: APATEL 2013/09/05
REV: A8

QUALITY
SYMBOLS
 $\nabla=0$
 $\nabla=0$
 $\nabla=0$

GENERAL TOLERANCES
(UNLESS SPECIFIED)
mm INCH
4 PLACES $\pm$ --- $\pm$ ---
3 PLACES $\pm$ --- $\pm$.008
2 PLACES $\pm$ 0.20 $\pm$.013
1 PLACE $\pm$ 0.33 $\pm$ ---
ANGULAR $\pm 1/2^\circ$
DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
MM/IN
DRAWN BY
ADRNOL
DATE
2005/04/19
CHECKED BY
MDATA
DATE
2005/04/19
APPROVED BY
JCOMERC I
DATE
2009/12/17
MATERIAL NO.
SEE CHART
DOCUMENT NO.
SD-75542-100
SHEET NO.
1 OF 1

SCALE
2:1
DESIGN UNITS
METRIC
THIRD ANGLE
PROJECTION
POWERMASS
150 AMP MODULE
RECEPTACLE
MOLEX INCORPORATED
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