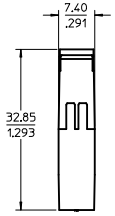
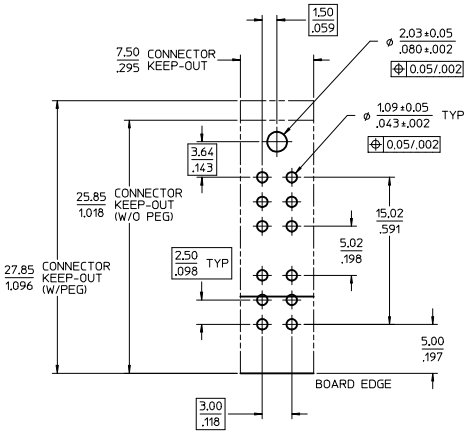
PART NUMBER	DESCRIPTION	DIM "A" PC TAIL LENGTH	PLATING
75561-5000	SHORT PC TAIL - NO PEG	3,07/.121	30µ INCH MIN SELECT HARD GOLD IN CONTACT AREA WITH 100µ INCH MIN SELECT TIN IN TAIL AREA OVER 50µ INCH MIN NICKEL OVERALL
75561-5001	LONG PC TAIL - NO PEG	3,81/.150	
75561-1500	SHORT PC TAIL - PEG	3,07/.121	30µ INCH MIN SELECT HARD GOLD IN CONTACT AREA WITH 100µ INCH MIN SELECT TIN IN TAIL AREA OVER 50µ INCH MIN NICKEL OVERALL
75561-1501	LONG PC TAIL - PEG	3,81/.150	

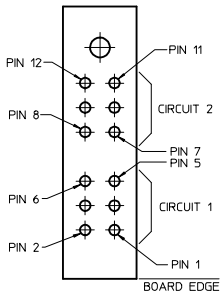
NOTES:

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 SOLDERING TO THE PCB
5. MODULE ASSEMBLY IS RoHS COMPLIANT
6. GATHERABILITY: ±0,65/.026 X-DIRECTION
   ±1,30/.051 Y-DIRECTION

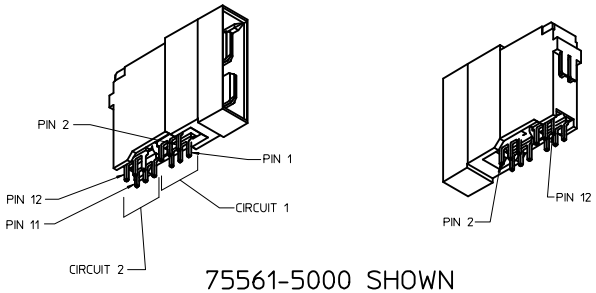




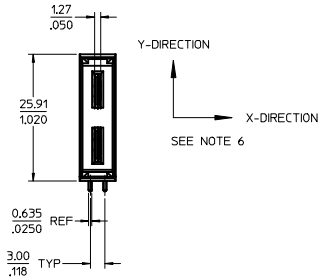
PCB LAYOUT
SCALE: 4:1

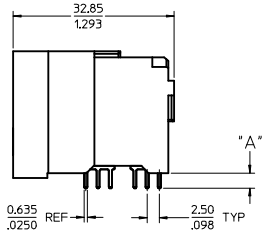


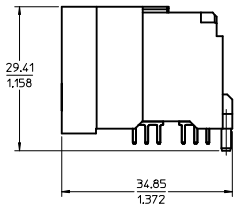
PINOUT DETAIL
SCALE: 4:1



75561-5000 SHOWN
(W/O PEG)

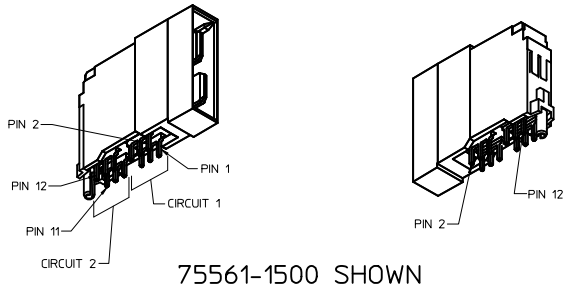






75561-500* SHOWN
(W/O PEG)

SAME AS 75561-500*
EXCEPT AS SHOWN



75561-1500 SHOWN
(W/PEG)

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

CORRECTED HSG GRAPHICS
EC NO: UCP2014-2193 2013/11/18
DRWN: JQUILES 2013/11/18
CHKD: MBANDURA 2013/12/10
APPR: APATEL
DESCRIPTION
REV: A6

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	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM/IN
SCALE: 2:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: ADRATNOL DATE: 2005/04/19
CHECKED BY: MDATA DATE: 2005/04/19
APPROVED BY: APATEL DATE: 2010/10/18
MATERIAL NO.: SEE CHART

TITLE: POWERMASS
80 AMP MODULE, PLUG

MOLEX INCORPORATED

DOCUMENT NO.: SD-75561-100
SHEET NO.: 1 OF 1
SIZE: D

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