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Part Number:

0955406880

Status:

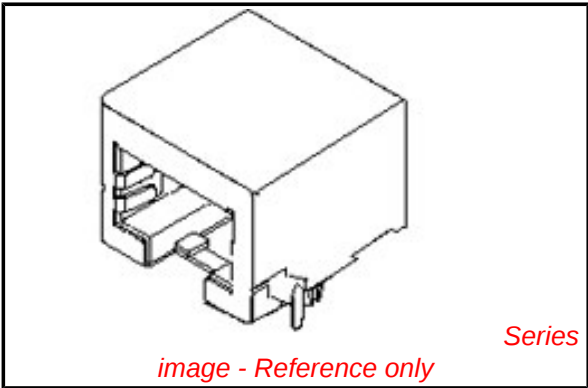
Active

Overview:

modular_plugs_jacks

Description:

Modular Jack, Right Angle, Shielded, Low Profile, 8/8



Documents:	
3D Model	Product Specification PS-95540-002 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)
Application Specification (PDF)	

Agency Certification	
UL	E107635
General	
Product Family	Modular Jacks/Plugs
Series	95540
Component Type	PCB Jack
Magnetic	No
Overview	modular_plugs_jacks
Performance Category	3
Power over Ethernet (PoE)	N/A
Product Name	RJ45
Physical	
Boot Color	N/A
Color - Resin	Black
Durability (mating cycles max)	500
Flammability	94V-0
Inverted / Top Latch	No
Lightpipes/LEDs	None
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Orientation	Right Angle (Side Entry)
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.57 mm
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface (in)	0.040 In
Pitch - Mating Interface (mm)	1.02 mm
Pitch - Term. Interface (in)	0.050 In
Pitch - Term. Interface (mm)	1.27 mm
Plating min: Mating (µin)	50.8
Plating min: Mating (µm)	1.27
Plating min: Termination (µin)	76
Plating min: Termination (µm)	1.9
Ports	1
Positions / Loaded Contacts	8/8
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40°C to +80°C
Termination Interface: Style	Surface Mount
Waterproof / Dustproof	No
Wire/Cable Type	N/A

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com

For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

95540Series

Mates With

FCC 68 Plugs 95043

Electrical

Current - Maximum per Contact	1.5A
Grounding to PCB	Yes
Shielded	Yes
Voltage - Maximum	125V AC (RMS)

Solder Process Data

Duration at Max. Process Temperature (seconds)	45
Lead-free Process Capability	Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature	3
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-85502
Product Specification	PS-95540-002
Sales Drawing	SD-95540-001

This document was generated on 06/07/2010

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TECHNICAL SPECIFICATIONS:

MATERIAL :

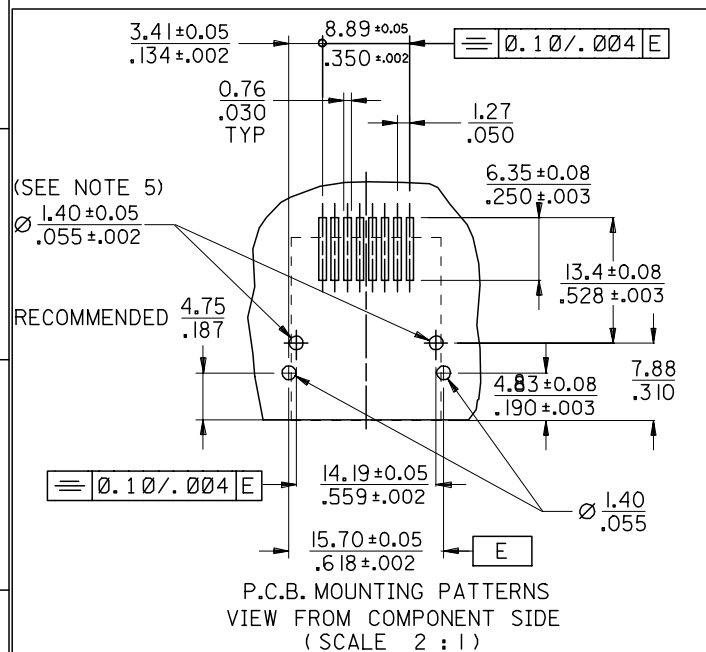
HOUSING: LCP GLASS FILLED UL 94V0, COLOR: BLACK

TERMINAL: BRASS PLATED WITH :

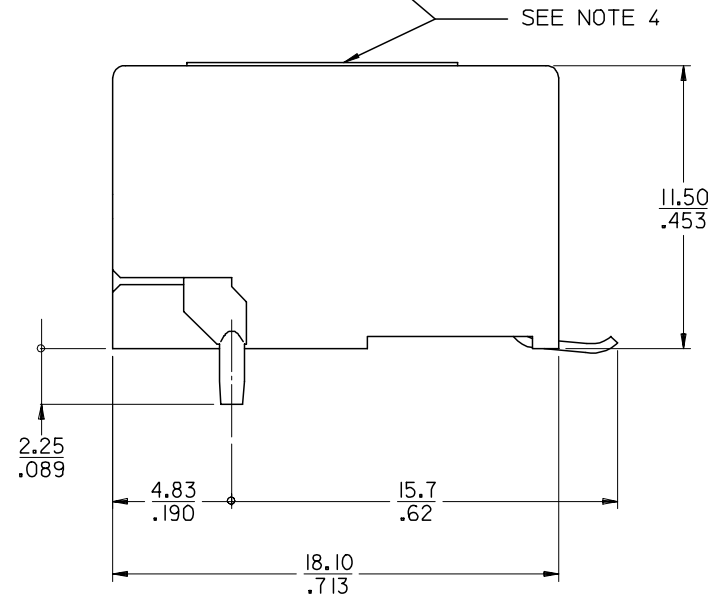
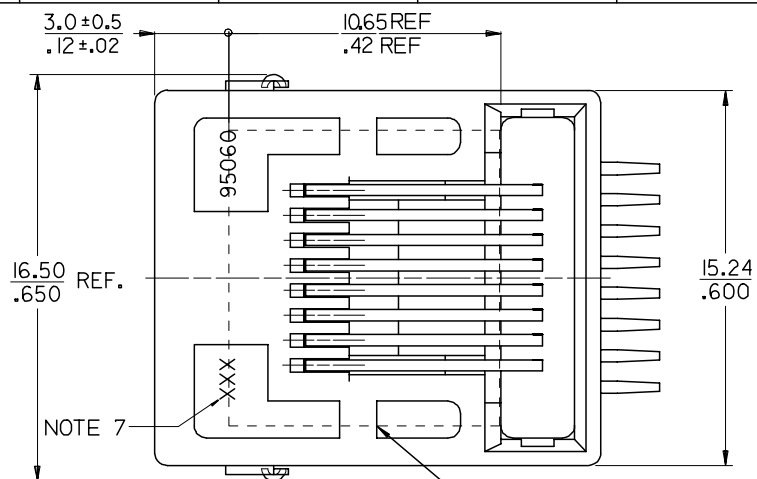
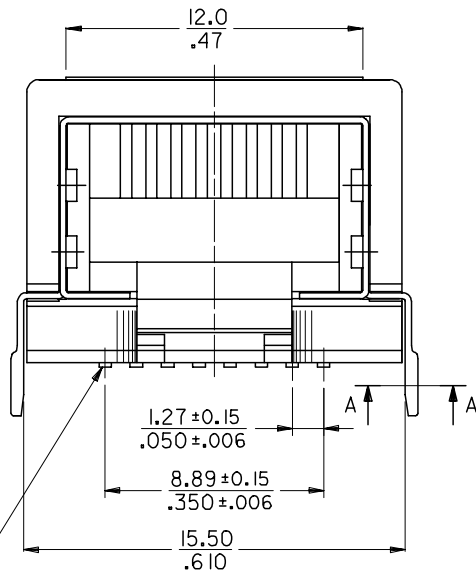
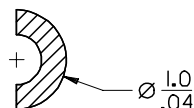
PLATING 2: 0.00127/.000050 MIN GOLD IN CONTACT AREA,
0.00190/.000075 MIN TIN IN TAIL AREA,
BOTH OVER 0.00127/.000050 MIN NICKEL OVERALL

PLATING 7: POST PLATE 0.00005/.000002 MIN GOLD OVER
0.00076/.000030 MIN PALLADIUM NICKEL IN CONTACT
AREA 0.00190/.000075 MIN TIN IN TAIL AREA,
BOTH OVER 0.00127/.000050 MIN NICKEL OVERALL

SHIELD : BRASS PLATED WITH 0.0020/.000078 MIN TIN



SECTION A-A (SCALE 20:1)



PACKAGING			
PART NUMBER	REEL SIZE	SPECIFICATION	PLATING
95540-6880	330/13	PK-85502 SHT.1	2

NOTES:

- JACK FOR MATING WITH F.C.C. 68 PLUGS 95043 MOLEX SERIES.
- COPLANARITY OF LEADS : 0.10/.004 MAX.
- PACKAGING : MOLEX PK-85502 SHEET 1 (BLISTER ON REEL).
- KAPTON ADHESIVE FOIL: 0.125/.005 THICK.
- OPTIONAL HOLES FOR COMPAT. WITH UNSHIELDED VERSION.
- PRODUCT SPECIFICATION: MOLEX PS-95540-002
- MANUFACTURING I.D. CAN BE EITHER MXF, MG OR MXI.

REV	DESCRIPTION	DATE	BY	CHKD	APPR
1	MODIFIED TERM MATL	2007/06/19	DRWN:DBYRNES	2007/06/20	2007/06/21
2	EC NO: E2007-1026				
3	CHKD: APPR: EOMAHONY				

QUALITY SYMBOLS
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)	
mm	INCH
4 PLACES ± ---	± ---
3 PLACES ± ---	± .004
2 PLACES ± 0.1	± .006
1 PLACE ± 0.15	± ---
ANGULAR ±1/2°	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

DIMENSION STYLE	
MM	IN
DRAWN BY	DATE
KNOLLER	04/06/16
CHECKED BY	DATE
FCARABET	04/06/17
APPROVED BY	DATE
KNOLLER	04/06/17
MATERIAL NO.	
SIZE	
A3	

SCALE 5:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
TITLE RIGHT ANGLE LOW PROFILE SMT SHIELDED P.C. JACK WITH SOLDER LEGS		
 MOLEX INCORPORATED		
DOCUMENT NO. SD-95540-001		SHEET NO. 3 OF 3
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		