

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0855075002

Status:

Active

Overview:

[modular_plugs_jacks](#)

Description:

Modular Jack, Vertical, High Speed Shielded, Through Hole, Cat 5,without Ribs, 8 Circuits

Documents:

[3D Model](#)

[Drawing \(PDF\)](#)

[Application Specification \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification	
UL	E107635
General	
Product Family	Modular Jacks/Plugs
Series	85507
Component Type	PCB Jack
Magnetic	No
Overview	modular_plugs_jacks
Performance Category	5e
Power over Ethernet (PoE)	N/A
Product Name	RJ45
Physical	
Color - Resin	Black
Durability (mating cycles max)	500
Flammability	94V-0
Inverted / Top Latch	No
Lightpipes/LEDs	None
Material - Metal	Brass, Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Orientation	Vertical (Top Entry)
PCB Retention	Yes
Packaging Type	Tray
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
Temperature Range - Operating	-40°C to +80°C
Termination Interface: Style	Through Hole
Wire/Cable Type	N/A
Electrical	
Current - Maximum per Contact	1.5A
Shielded	Yes
Voltage - Maximum	125V AC

Material Info

Reference - Drawing Numbers	
Application Specification	AS-85513-001
Packaging Specification	PK-95022
Sales Drawing	SD-85507-501

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

Halogen-Free

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

[85507Series](#)

Mates With

FCC 68 Plugs

This document was generated on 06/07/2010

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NOTES :

1- MATERIAL:

-HOUSING: LCP FIBER GLASS FILLED UL 94-V0
COLOR BLACK.

-TERMINAL: PHOSPHOR BRONZE.

PLATING:

POST PLATE 0.00127-0.00152/.000050-.000060 GOLD IN
CONTACT AREA , 0.00190/.000075 MIN PURE TIN
IN TAIL AREA BOTH OVER 0.00127/.000050 MIN NICKEL
OVERALL.

-SHIELD: BRASS PLATED WITH 0.0020/.00078 TIN

2- JACK FOR MATING WITH F.C.C. 68 SHIELDED PLUGS (95043 MOLEX SERIES).

3- PRODUCT SPECIFICATION PS-95540-002 AND PS-85505-001 (SECTION 5.2).

4- PACKAGING SPECIFICATION PK-95022 (TRAY PACKAGING).

5- EXCEEDS CATEGORY 5E PERFORMANCE.

6- PC BOARD THICKNESS: 1.57/.062

7- MANUFACTURING I.D. CAN BE MG, MXF OR MXI.

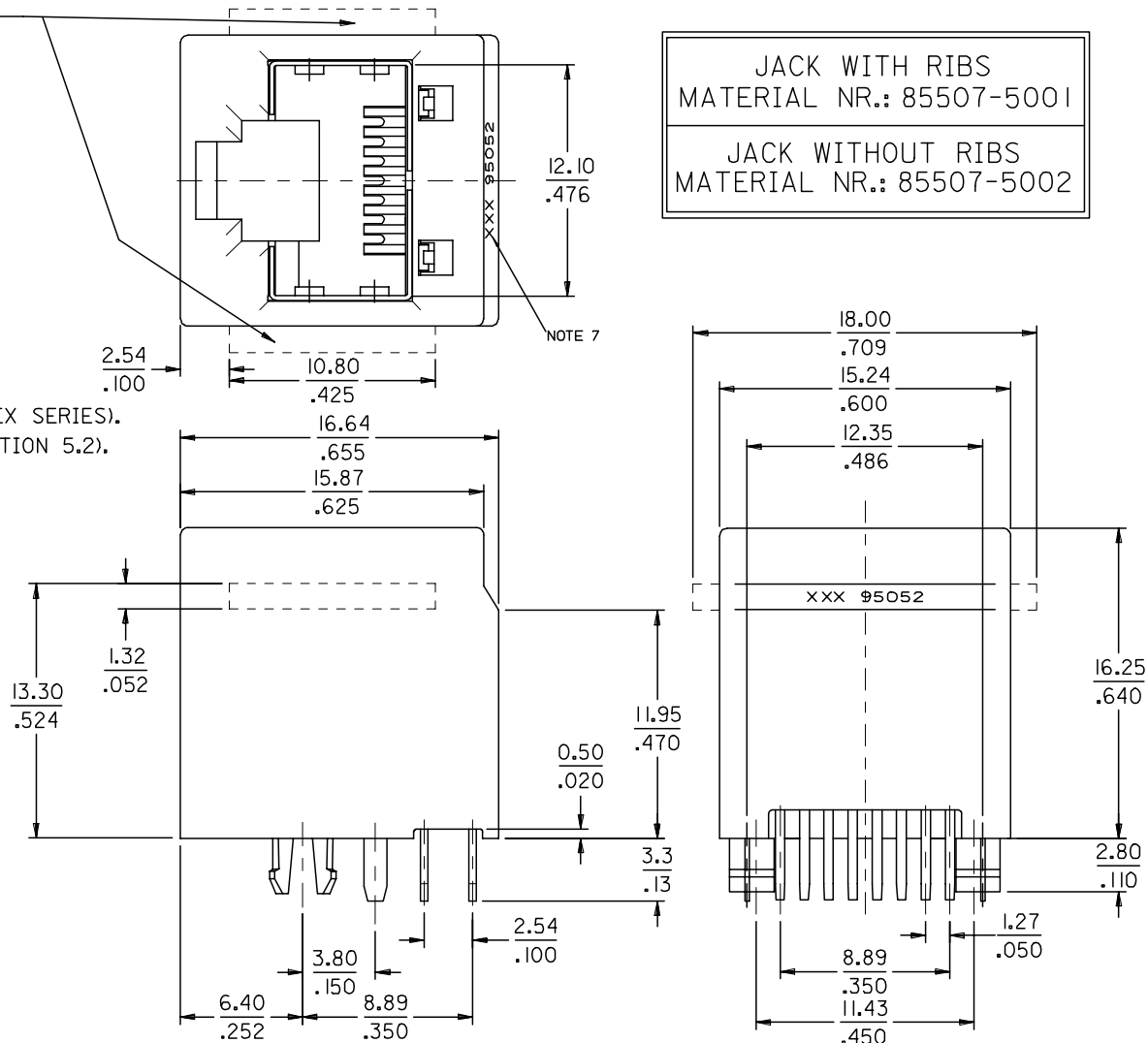
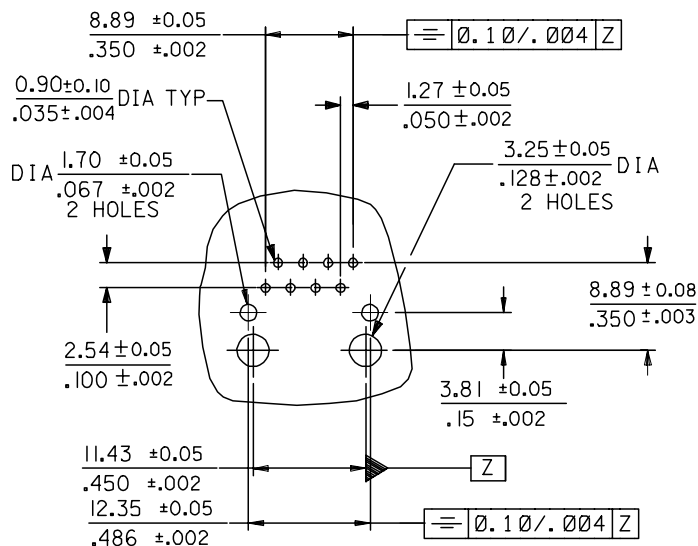
8- APPLICATION SPECIFICATION: AS-85513-001

OPTIONAL RIBS

JACK WITH RIBS
MATERIAL NR.: 85507-5001

JACK WITHOUT RIBS
MATERIAL NR.: 85507-5002

P.C.B. MOUNTING PATTERN
(see from component side)
SCALE 2:1



ADDED NOTE: EC NO: E2007-0766 DRWN:DBYRNES CHKD: APPR:EOMAHONY 2007/04/02 2007/04/02 2007/04/04	QUALITY SYMBOLS ▽=0 ▽=0	DESCRIPTION 2007/04/02 2007/04/02 2007/04/04	REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION 																												
				<table><tr><td></td><td>mm</td><td>INCH</td></tr><tr><td>4 PLACES</td><td>± ---</td><td>± ---</td></tr><tr><td>3 PLACES</td><td>± ---</td><td>± .006</td></tr><tr><td>2 PLACES</td><td>± 0.15</td><td>± .010</td></tr><tr><td>1 PLACE</td><td>± 0.25</td><td>± ---</td></tr></table>			mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± .006	2 PLACES	± 0.15	± .010	1 PLACE	± 0.25	± ---	<table><tr><td>DRAWN BY</td><td>DATE</td></tr><tr><td>FB</td><td>98/08/05</td></tr><tr><td>CHECKED BY</td><td>DATE</td></tr><tr><td>FM</td><td>98/08/05</td></tr><tr><td>APPROVED BY</td><td>DATE</td></tr><tr><td>FB</td><td>98/08/05</td></tr></table>		DRAWN BY	DATE	FB	98/08/05	CHECKED BY	DATE	FM	98/08/05	APPROVED BY	DATE	FB	98/08/05	TITLE TOP ENTRY HIGH SPEED SHIELDED MODULAR JACK THROUGH HOLE 8 CIRCUIT			
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DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																																		

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