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Part Number: [0855635003](#)
Status: **Active**
Overview: [magnetic_modular_jacks](#)
Description: Modular Jack, Top Entry, Through Hole Intelligent Shunted, LCP 6/6

Documents:
[3D Model](#) [Product Specification PS-85563-002 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General
Product Family Modular Jacks/Plugs
Series [85563](#)
Comments Top Entry
Component Type PCB Jack
Magnetic Yes
Overview [magnetic_modular_jacks](#)
Performance Category 3
Power over Ethernet (PoE) Non-PoE
Product Name N/A

Physical
Boot Color N/A
Color - Resin Black
Durability (mating cycles max) 500
Inverted / Top Latch No
Keying to Mating Part N/A
Lightpipes/LEDs None
Material - Metal Brass
Material - Plating Mating Gold
Material - Plating Termination Tin
Material - Resin High Temperature Thermoplastic
Orientation Vertical (Top Entry)
PCB Locator No
PCB Retention Yes
PCB Thickness Recommended (in) 0.062 In
PCB Thickness Recommended (mm) 1.57 mm
Packaging Type Tray
Panel Mount N/A
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 6/6
Surface Mount Compatible (SMC) No
Temperature Range - Operating -40°C to +80°C
Termination Interface: Style Through Hole
Waterproof / Dustproof No
Wire/Cable Type N/A

Electrical
Current - Maximum per Contact 1.5A

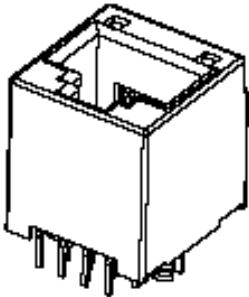


image - Reference only

Series

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
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
[85563Series](#)

Mates With
[FCC 68 Plugs 90075](#)

Grounding to PCB	No
Grounding to Panel	N/A
Shielded	No
Voltage - Maximum	125V AC (RMS)

Material Info

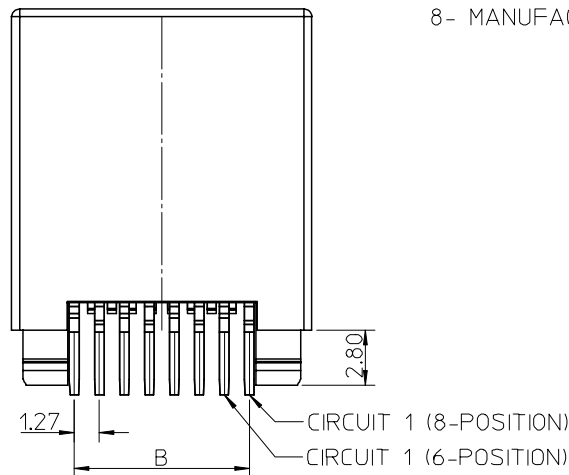
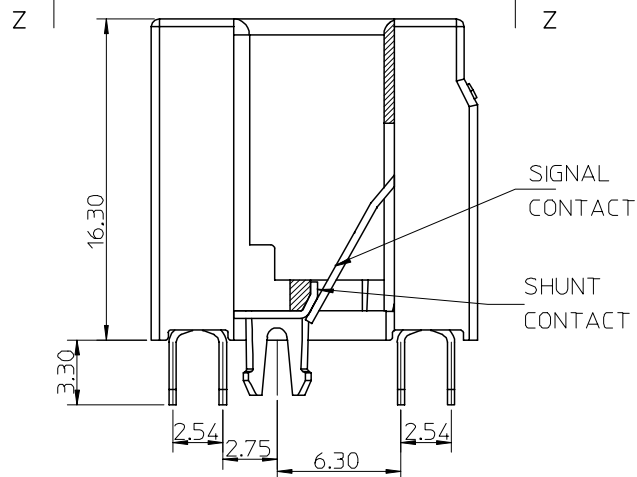
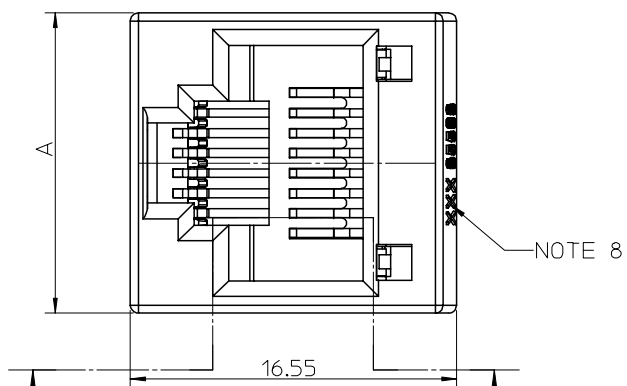
Reference - Drawing Numbers

Packaging Specification	PK-95022
Product Specification	PS-85563-002
Sales Drawing	SD-85563-101

This document was generated on 05/26/2010

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NOTES:

1- MATERIAL:

- HOUSING: LCP GLASS FILLED UL 94 V-0
COLOUR BLACK

- TERMINAL: TIN BRASS:

POST PLATE 0.00127-0.00152 GOLD IN CONTACT AREA
0.0019 MIN PURE TIN IN TAIL AREA BOTH OVER
0.00127 MIN NICKEL OVERALL.

2- PC BOARD THICKNESS: 1.57 (SEE LAYOUT SHEET 2)

3- JACK FOR MATING WITH F.C.C 68 PLUGS (90075 MOLEX SERIES)

4- PRODUCT SPECIFICATION: PS-85563-002

5- APPLICATION SPECIFICATION: AS-85513-001

6- PACKAGING SPECIFICATION: PF-95022. (TRAY PACKAGING)

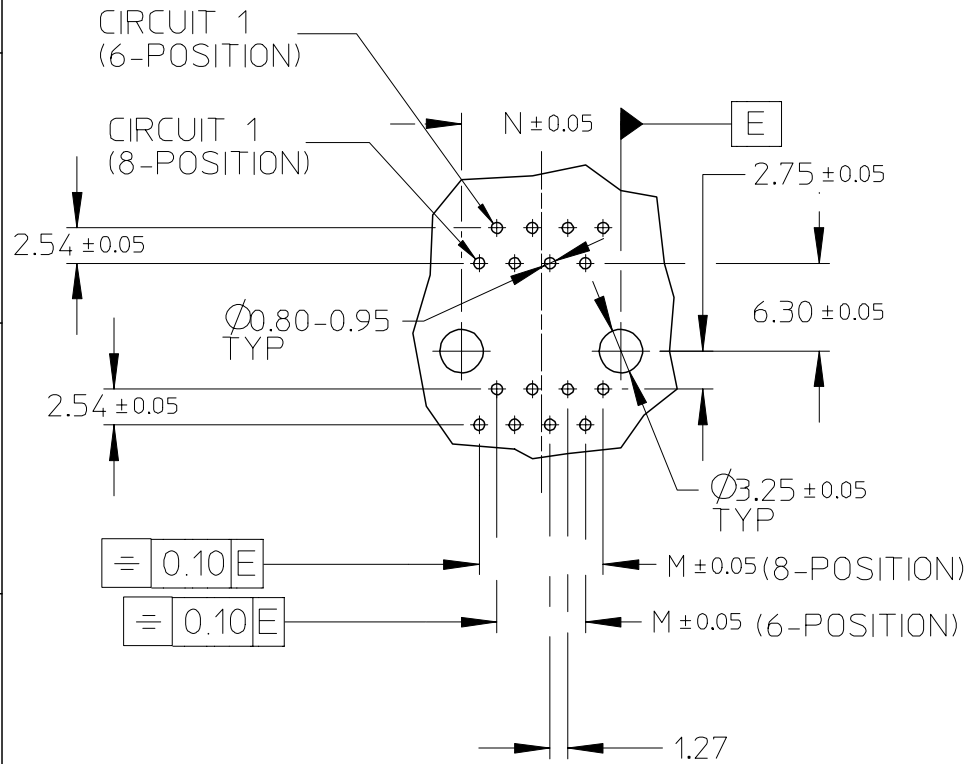
7- FOR ILLUSTRATION PURPOSES A 8-CIRCUIT IS SHOWN.

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

TYPE.	6 CKTS.	8 CKTS.
DIM		
A	13.21	15.24
B	6.35	8.89
C	10.16	11.43
PART No.	85563-5003	85563-5004

ORIGINAL LCP EC NO: E2008-0216 DRWN:DBYRNES 2007/11/14 CHKD: 2007/11/14 APPR:EOMAHONY 2007/11/14	QUALITY SYMBOLS ▽=0 ▽=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION		
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	mm	INCH	DRAWN BY DBYRNES		DATE 2007/10/23	TITLE TOP ENTRY THROUGH HOLE INTELLIGENT SHUNTED JACK LCP VERSION 6/6 AND 8/8			
				4 PLACES	± ---	± ---	CHECKED BY EOMAHONY				DATE 2007/10/24	
				3 PLACES	± ---	± ---	APPROVED BY EOMAHONY				DATE 2007/10/24	
				2 PLACES	± 0.25	± ---	MATERIAL NO. SEE CHART		DOCUMENT NO. SD-85563-101		SHEET NO. 1 OF 2	
				1 PLACE	± 0.35	± ---						
			ANGULAR ± 2 °			MOLEX		MOLEX INCORPORATED				
			A	REV				SIZE A3			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	

MOUNTING HOLE PATTERNS
(SEE FROM COMPONENT SIDE)



TYPE DIM.	6 CKTS.	8 CKTS.
M	6.35	8.89
N	10.16	11.43
Part-No.	85563-5003	85563-5004

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				3 PLACES	± ---	± ---	EOMAHONY	2007/10/24				
				2 PLACES	± 0.25	± ---	APPROVED BY	DATE				
				1 PLACE	± 0.35	± ---	EOMAHONY	2007/10/24	molex MOLEX INCORPORATED			
				ANGULAR ± 2 °			MATERIAL NO.			DOCUMENT NO.	SHEET NO.	
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE CHART		SD-85563-101		2 OF 2	
			SIZE A 4	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								