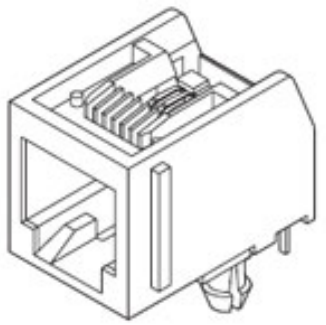
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Part Number: 0950092881
Status: Active
Overview: modular_plugs_jacks
Description: Modular Jack, Right Angle, 8/8, Panel Stops

Documents:
3D Model
Drawing (PDF)
RoHS Certificate of Compliance (PDF)



Series image - Reference only

Agency Certification

CSA	LR19980
UL	E107635

General

Product Family	Modular Jacks/Plugs
Series	95009
Comments	Flush Mount
Component Type	PCB Jack
Magnetic	No
Overview	modular_plugs_jacks
Performance Category	3
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
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	Tray
Panel Mount	With Flange
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)	No
Temperature Range - Operating	-40°C to +80°C
Termination Interface: Style	Through Hole
Waterproof / Dustproof	No
Wire/Cable Type	N/A

EU RoHS
ELV and RoHS Compliant
REACH SVHC
Contains SVHC: No
Halogen-Free Status
Not 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
95009Series

Mates With
FCC 68 Plugs

Electrical

Current - Maximum per Contact	1.5A
Shielded	No
Voltage - Maximum	125V DC

Solder Process Data

Duration at Max. Process Temperature (seconds)	3
Lead-free Process Capability	Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	235

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-95029
Sales Drawing	SDA-95009-F

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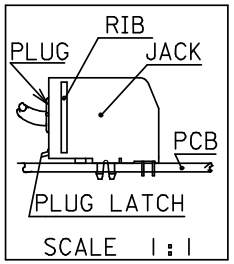
NOTES :

1- MATERIAL : POLYESTER FIBER GLASS FILED 94-V-0
COLOR BLACK .

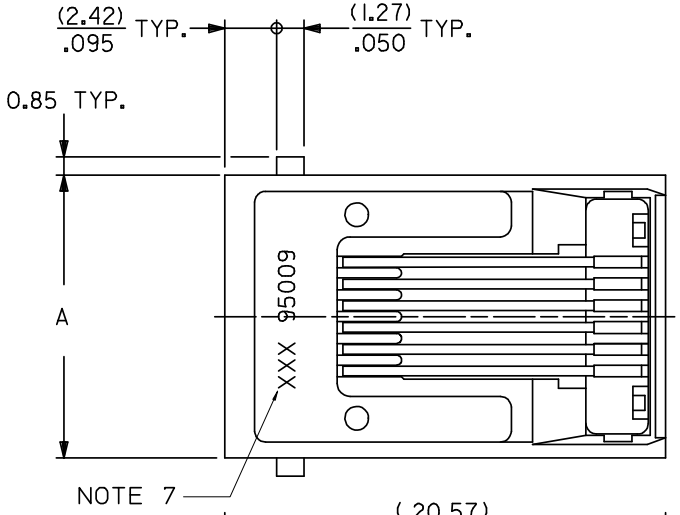
TERMINAL : TIN BRASS.

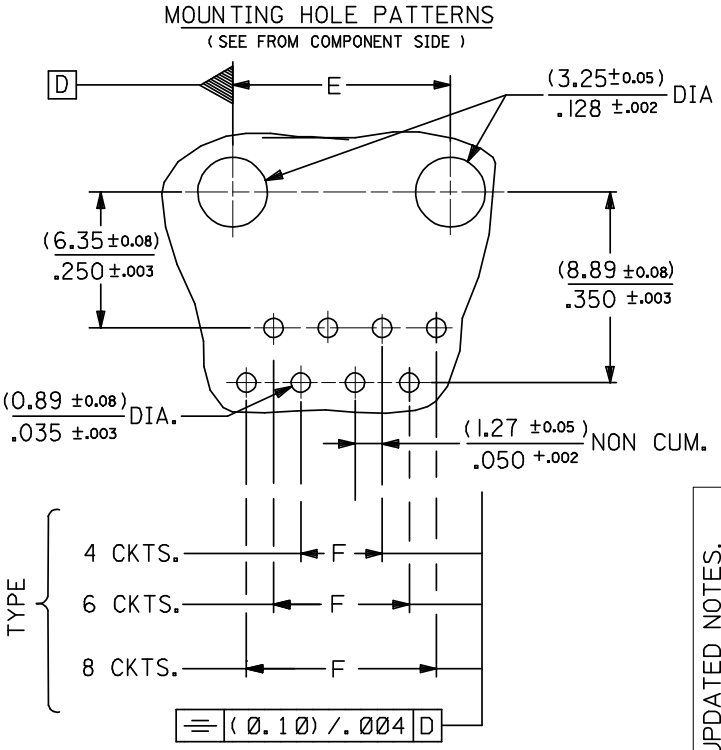
PLATINGS : FINISH 2

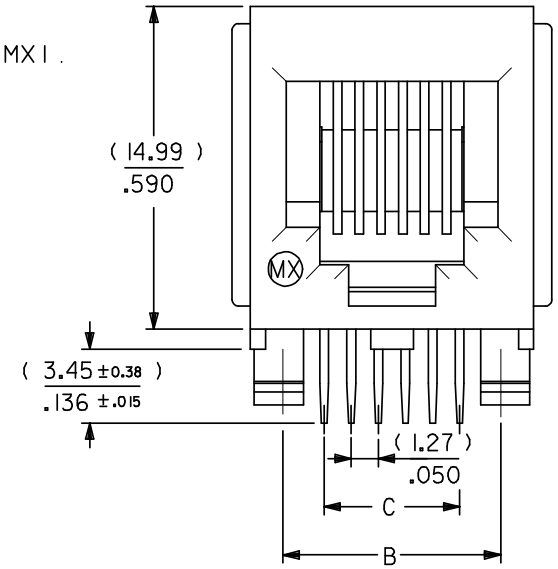
POST PLATE (0.00127-0.00152)/.000050-.000060
GOLD IN CONTACT AREA .
(0.00190)/.000075 MIN. PURE TIN IN TAIL AREA BOTH
OVER (0.00127)/.000050 MIN. NICKEL OVERALL .

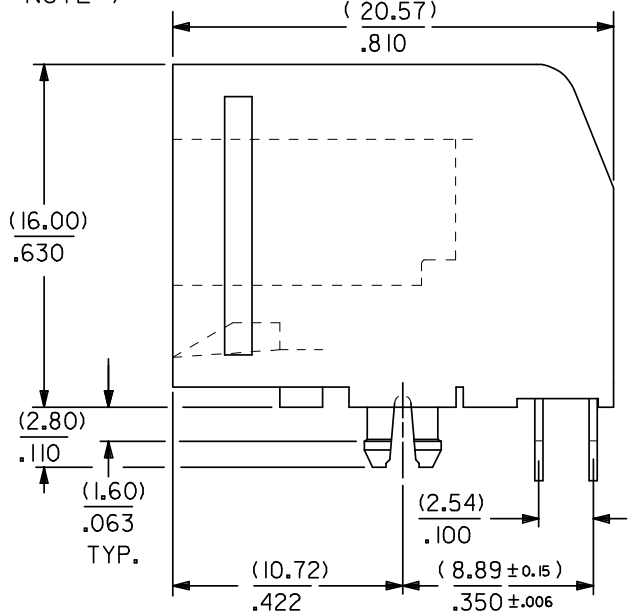


2- PC BOARD THICKNESS : (1.57) / .062 .
3- JACK FOR MATING WITH F.C.C. 68 PLUGS 90075 MOLEX SERIES .
4- PRODUCT SPECIFICATION PS-95009-001.
5- APPLICATION SPECIFICATION AS-95001.
6- PACKAGING SPECIFICATION PK-95029.
7- MANUFACTURING ID CAN BE MXF, MG OR MX1.









UPDATED NOTES.
EC NO: E2008-0348 2008/01/14
DRWN: DBYRNES 2008/01/16
CH'KD:
APPR: JWALLACE 2008/01/16
DESCRIPTION
REV

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .010
2 PLACES	± 0.25	± .014
1 PLACE	± 0.35	± ---

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM/IN
SCALE: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: DP DATE: 86/10/23
CHECKED BY: DATE:
APPROVED BY: DATE:

TITLE: FLUSH MOUNT RIGHT ANGLE MODULAR JACK ASSEMBLY THROUGH HOLE VERSION

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART SHT 2
DOCUMENT NO.: SDA-95009-F
SHEET NO.: 1 OF 2

SIZE A3

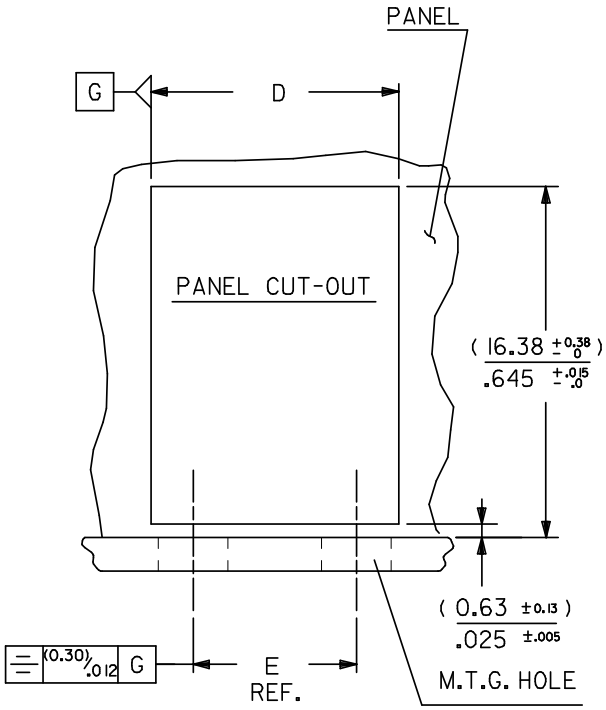
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PART NUMBERS FOR JACK I RIB .

TYPE / PLATING / FINISH 2 (MOLEX STANDARD)	POS. 4	TOOLED	POS. 6	TOOLED	POS. 6	TOOLED	POS. 8	TOOLED
	4 CKTS.		4 CKTS.		6 CKTS.		8 CKTS.	
	95009-2441	X	95009-2641	X	95009-2661	X	95009-2881	X

PART NUMBERS FOR JACK NO RIB.

TYPE / PLATING / FINISH 2 (MOLEX STANDARD)	POS. 4	TOOLED	POS. 6	TOOLED	POS. 6	TOOLED	POS. 8	TOOLED
	4 CKTS.		4 CKTS.		6 CKTS.		8 CKTS.	
	95009-2447	X	95009-2647	X	95009-2667	X	95009-2887	X



DIM. / TYPE	POS. 4	POS. 6		POS. 8
	4 CKTS.	4 CKTS.	6 CKTS.	8 CKTS.
A	(11.18) / .440	(13.21) / .520	(13.21) / .520	(15.24) / .600
B	(7.62) / .300	(10.16) / .400	(10.16) / .400	(11.43) / .450
C	(3.81) / .150	(3.81) / .150	(6.35) / .250	(8.89) / .350
D (+0.38 0)/+.015 0	(11.56) / .455	(13.59) / .535	(13.59) / .535	(15.62) / .615
E (±0.10)/±.004	(7.62) / .300	(10.16) / .400	(10.16) / .400	(11.43) / .450
F (±0.10)/±.004	(3.81) / .150	(3.81) / .150	(6.35) / .250	(8.89) / .350

ADDED PART NO's
EC NO: E2008-0348 2008/01/14
DRWN: DBYRNES 2008/01/16
CH'KD:
APPR: JWALLACE
DESCRIPTION
H
REV

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .010
2 PLACES	± 0.25	± .014
1 PLACE	± 0.35	± ---

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM/IN
SCALE: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: DP DATE: 87/04/22
CHECKED BY: DATE:
APPROVED BY: DATE:

TITLE: FLUSH MOUNT RIGHT ANGLE MODULAR JACK ASSEMBLY THROUGH HOLE VERSION

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SDA-95009-F
SHEET NO.: 2 OF 2
SIZE: A3

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