

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0855687883

Status:

Active

Overview:

modular_plugs_jacks

Description:

Modular Plug, Short Body, Shielded, 8/8, Green Boot, Cat6

Documents:

3D Model

Drawing (PDF)

Product Specification PS-85568-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E107635

General

Product Family

Modular Jacks/Plugs

Series

85568

Component Type

Wire Plug

Magnetic

No

Overview

modular_plugs_jacks

Performance Category

6

Power over Ethernet (PoE)

N/A

Product Name

RJ45

Physical

Boot Color

GREEN

Color - Resin

Clear

Durability (mating cycles max)

750

Flammability

94V-0

Inverted / Top Latch

N/A

Lightpipes/LEDs

None

Material - Metal

Phosphor Bronze

Material - Plating Mating

Gold

Material - Plating Termination

Tin-Lead

Material - Resin

Polycarbonate

Orientation

N/A

PCB Locator

No

PCB Retention

None

Packaging Type

Bag

Panel Mount

With Flange

Pitch - Mating Interface (in)

0.040 In

Pitch - Mating Interface (mm)

1.02 mm

Pitch - Term. Interface (in)

0.040 In

Pitch - Term. Interface (mm)

1.02 mm

Plating min: Mating (µin)

12

Plating min: Mating (µm)

0.3

Plating min: Termination (µin)

50.8

Plating min: Termination (µm)

1.27

Ports

1

Positions / Loaded Contacts

8/8

Surface Mount Compatible (SMC)

No

Temperature Range - Operating

-40°C to +80°C

Termination Interface: Style

IDT or Pierce

Waterproof / Dustproof

No

Wire/Cable Type

Round

Electrical

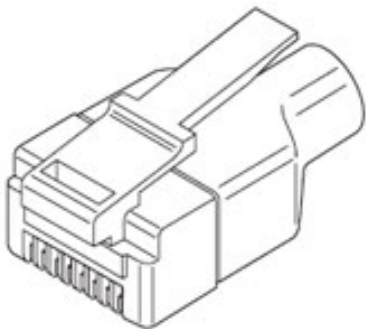


image - Reference only

Series

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

85568Series

Mates With

FCC 68 Jacks

Application Tooling | FAQ

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

Description

Product #

Handtool for 85568

0690081192

Telecom Plug,

Type C Crimp with

Diameter 6.0 Cable

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

Material Info

Reference - Drawing Numbers

Application Specification	AS-85568-002
Packaging Specification	PK-85568-001
Product Specification	PS-85568-001
Sales Drawing	SD-85568-001

This document was generated on 06/08/2010

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E

D

C

B

A

F

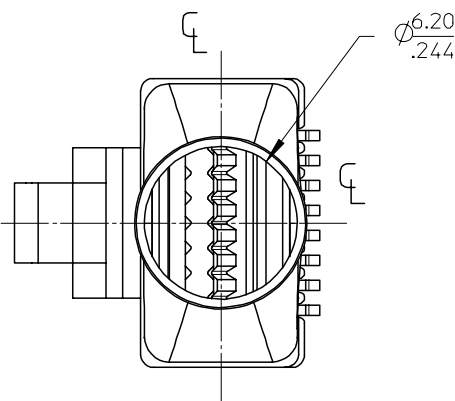
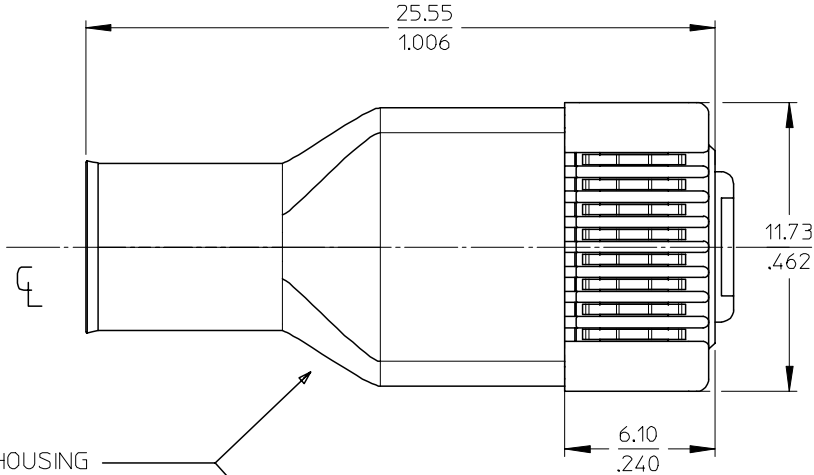
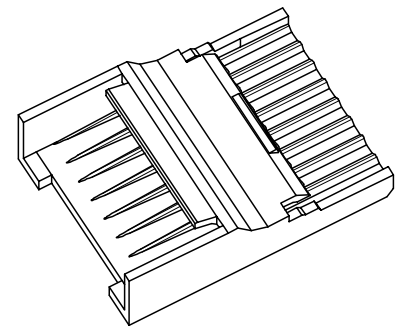
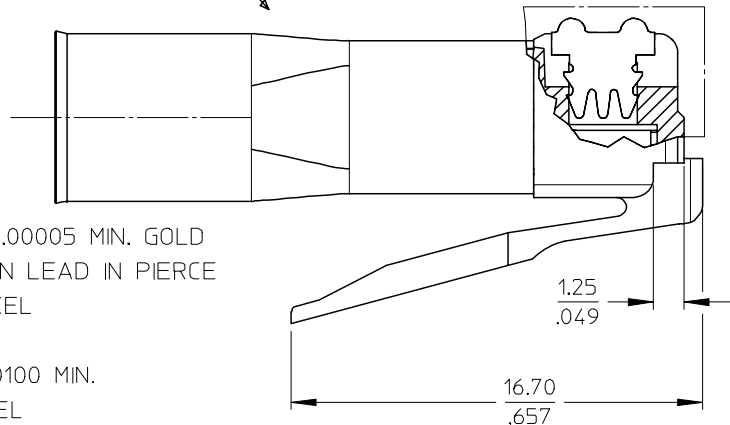
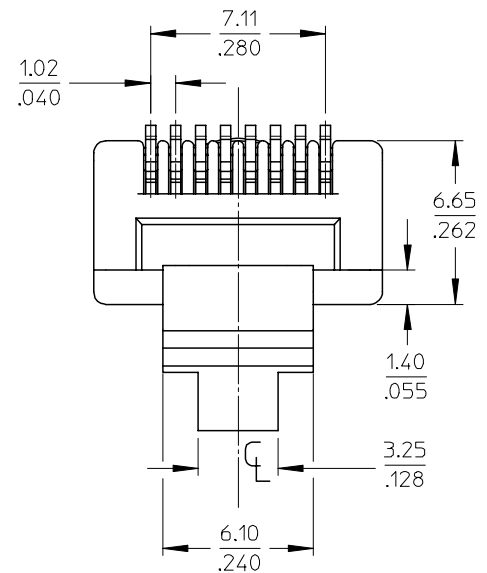
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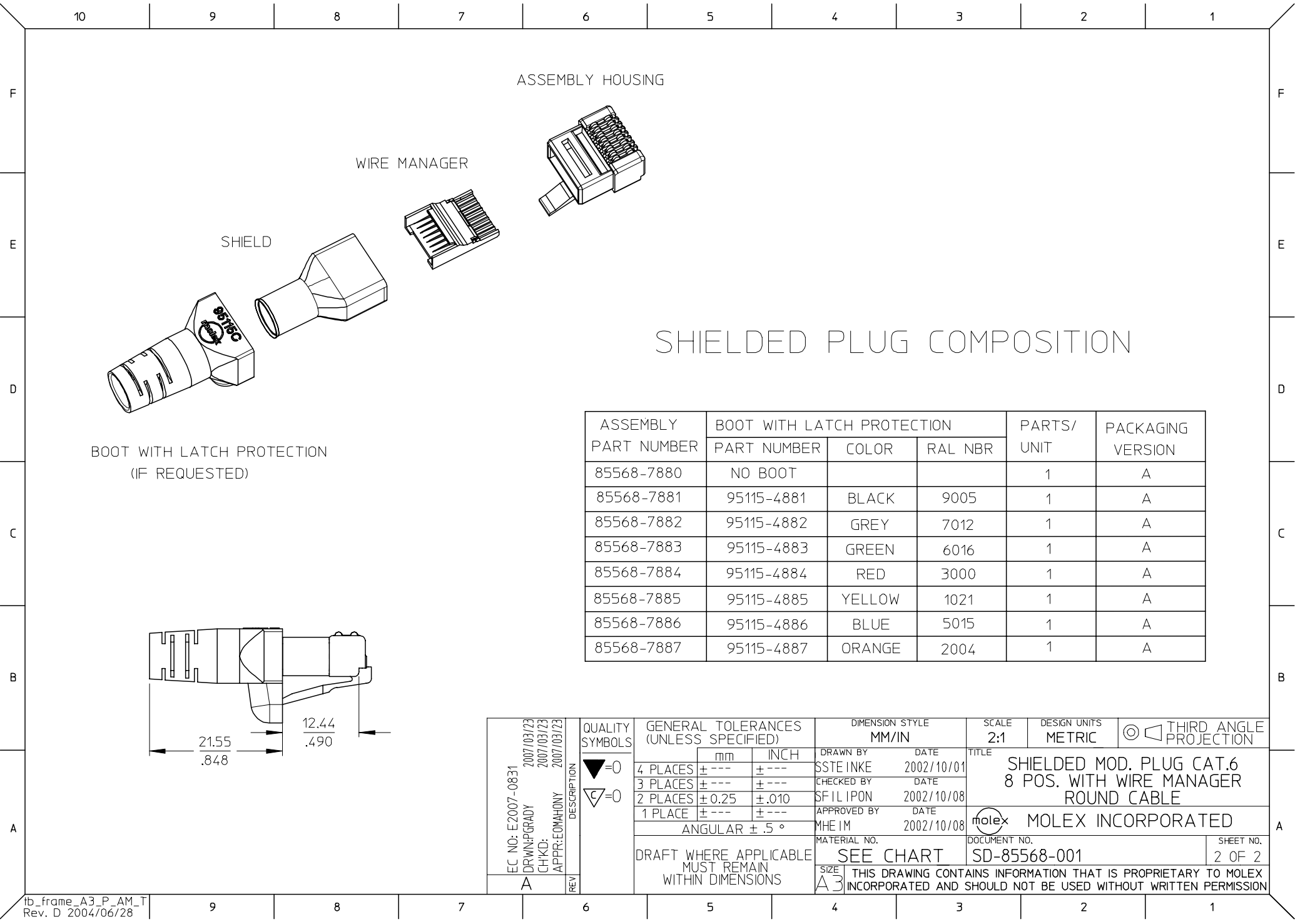
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NOTES:

- 1- MATERIAL:
PLUG HOUSING:
CLEAR POLYCARBONATE UL94 V0
WIRE-MANAGER:
CLEAR POLYCARBONATE UL94 V0
TERMINALS:
PHOSPHOR BRONZE PLATED WITH 0.00127/.00005 MIN. GOLD
IN CONTACT AREA, 0.00127/.00005 MIN. THIN LEAD IN PIERCE
AREA BOTH OVER 0.00127/.00005 MIN. NICKEL
SHIELD:
COPPER ALLOY PLATED WITH 0.00254/.000100 MIN.
BRIGHT TIN OVER 0.00127/.00005 MIN. NICKEL
- 2- PRODUCT INTENDED TO TERMINATE
ROUND SHIELDED PIMF CABLE
WITH JACKET O.D.: 5.9 +0.2 -0.3/ .232 +.008 -.012
AS PER APPLICATION SPECIFICATION
APPLICATION TOOLING- HAND TOOL:69008-1192
DIE SET:69008-1193
- 3- PRODUCT SPECIFICATION: PS-85568-001
4- APPLICATION SPECIFICATION: AS-85568-002
5- PACKAGING SPECIFICATION: PK-85568-001
6- MATING INTERFACE DIMENSIONS OF PLUG ACC.
IEC 60603-7-1 FREE CONNECTOR-VARIANT 02

APP TOOLING ADDED TO NOTE EC NO: E2007-0831 DRWN:PGADY CHKD: APPR:EOMAHONY 2007/03/23 2007/03/23 2007/03/23			QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
						DRAWN BY DATE		TITLE SHIELDED MOD. PLUG CAT.6 8 POS. WITH WIRE MANAGER ROUND CABLE				
						CHECKED BY DATE						
						APPROVED BY DATE						
		1 PLACE ± --- ± ---		MHEIM 2002/10/08		molex		MOLEX INCORPORATED				
		ANGULAR ± .5 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.				
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 2		SD-85568-001		1 OF 2				
A				SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						



SHIELDED PLUG COMPOSITION

ASSEMBLY PART NUMBER	BOOT WITH LATCH PROTECTION			PARTS/ UNIT	PACKAGING VERSION
	PART NUMBER	COLOR	RAL NBR		
85568-7880	NO BOOT			1	A
85568-7881	95115-4881	BLACK	9005	1	A
85568-7882	95115-4882	GREY	7012	1	A
85568-7883	95115-4883	GREEN	6016	1	A
85568-7884	95115-4884	RED	3000	1	A
85568-7885	95115-4885	YELLOW	1021	1	A
85568-7886	95115-4886	BLUE	5015	1	A
85568-7887	95115-4887	ORANGE	2004	1	A

EC NO: E2007-0831 DRWN: PGRADY CHKD: APPR: EOMAHONY REV A	DESCRIPTION 2007/03/23 2007/03/23 2007/03/23	QUALITY SYMBOLS ▽=0 ▽C=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
				mm	INCH	DRAWN BY	DATE	TITLE SHIELDED MOD. PLUG CAT.6 8 POS. WITH WIRE MANAGER ROUND CABLE				
			4 PLACES	± ---	± ---	SSTEINKE	2002/10/01					
			3 PLACES	± ---	± ---	CHECKED BY	DATE					
			2 PLACES	± 0.25	± .010	SFILIPON	2002/10/08	MOLEX INCORPORATED				
			1 PLACE	± ---	± ---	APPROVED BY	DATE					
						ANGULAR ± .5 °		MHEIM	2002/10/08	MOLEX		
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
					SEE CHART		SD-85568-001		2 OF 2			
					SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						