

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0449150001

Status:

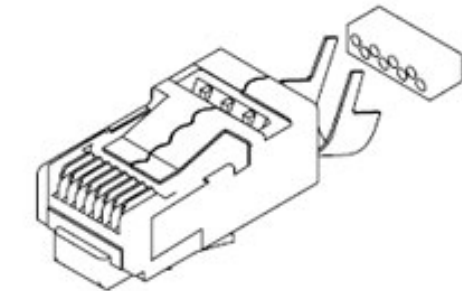
Active

Overview:

modular_plugs_jacks

Description:

Modular Plug, Category 6, Long Body, Unshielded, 8/8



Series

image - Reference only

Documents:

- 3D Model

Product Specification PS-44915-003 (PDF)
- Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

UL

E107635

General

Product Family

Modular Jacks/Plugs

Series

44915

Component Type

Wire Plug

Magnetic

No

Overview

modular_plugs_jacks

Performance Category

6

Power over Ethernet (PoE)

N/A

Product Name

RJ45

Physical

Color - Resin

Clear

Durability (mating cycles max)

500

Inverted / Top Latch

N/A

Lightpipes/LEDs

None

Material - Metal

Phosphor Bronze

Material - Plating Mating

Gold

Material - Plating Termination

Tin

Material - Resin

Polycarbonate

Orientation

N/A

PCB Locator

No

PCB Retention

None

Packaging Type

Bag

Panel Mount

N/A

Ports

1

Positions / Loaded Contacts

8/8

Temperature Range - Operating

-40°C to +85°C

Termination Interface: Style

N/A

Wire/Cable Type

Round

Electrical

Current - Maximum per Contact

1.5A

Grounding to Panel

N/A

Shielded

No

Voltage - Maximum

125V

Material Info

Reference - Drawing Numbers

Packaging Specification

PK-44915-003

Product Specification

PS-44915-003

Sales Drawing

SD-44915-001

EU RoHS

ELV and RoHS
Compliant

REACH SVHC

Not Reviewed

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

44915Series

Mates With

FCC 68 Jacks

Application Tooling | FAQ

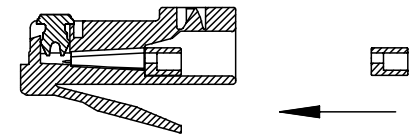
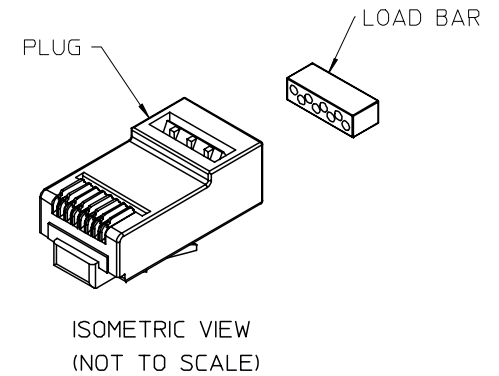
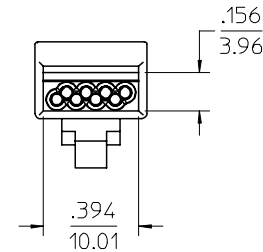
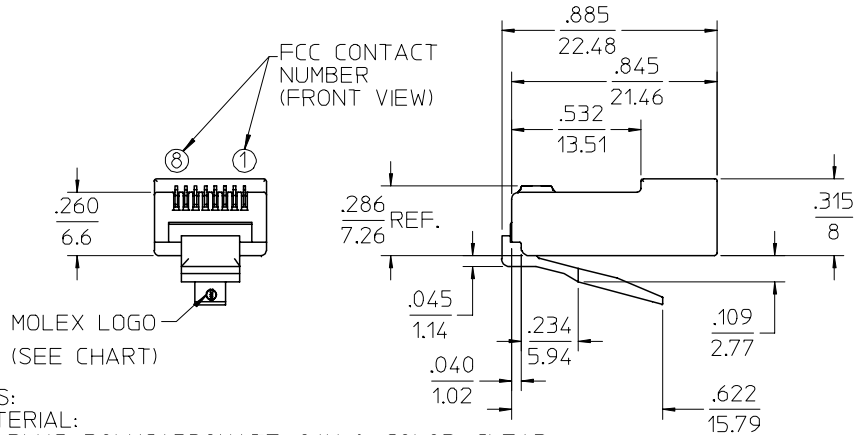
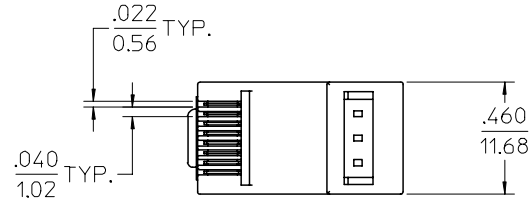
Tooling specifications and manuals are
found by selecting the products below.
Crimp Height Specifications are then
contained in the Application Tooling
Specification document.

Global

Description	Product #
Hand Crimp Tool	0622020500
ServiceGrade™	0640160044
Hand Tool, Modular Plug	

This document was generated on 05/24/2010

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NOTES:

1. MATERIAL:
PLUG: POLYCARBONATE, 94V-0, COLOR: CLEAR,
LOAD BAR: POLYCARBONATE, 94V-0, COLOR: CLEAR,
CONTACTS: PHOSPHOR BRONZE.
2. CONTACT PLATING:
50 MICROINCHES / 1.27 MICROMETERS MIN. SELECT GOLD OVER
100 MICROINCHES / 2.54 MICROMETERS MIN. NICKEL UNDERPLATE.
3. PRODUCT SPECIFICATION: PS-44915-003
4. PACKAGING SPECIFICATION:
ALL PARTS ARE BULK PACKED PER MOLEX PACKAGING
SPECIFICATION PK-44915-003.
5. FOR USE WITH 22 TO 28 AWG SOLID OR STRANDED
CONDUCTORS WITH AN INSULATION O.D. RANGE OF .037/0.94 -
.042/1.07 AND A JACKET O.D. OF .217/5.5 - .256/6.5.
6. EIGHT CONDUCTOR MODULAR PLUG, CONFORMS TO F.C.C.
REGULATION PART 68.5 FOR MODULAR PLUGS.
7. PLUG REQUIRES THE LOAD BAR.
8. ALL UNTOLERANCED DIMENSIONS ARE FOR REFERENCE ONLY.
9. PLUG EXCEEDS CATEGORY 5 EIA/TIA 2840, ANNEX B
SPECIFICATION, PERFORMANCE TUNED TO CABLES MEETING
PROPOSED CATEGORY 6 SPECIFICATIONS.
10. THE PRIMARY SHIPPING CARTON WILL BE LABELED "COMPLIANT
TO RoHS DIRECTIVE 2002/95/EC AND ELV ANNEX II OF
DIRECTIVE 2000/53/EC". CARTONS WITHOUT THIS LABEL
MAY NOT BE COMPLIANT.
11. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF
COSMETIC SPECIFICATION PS-45499-002.

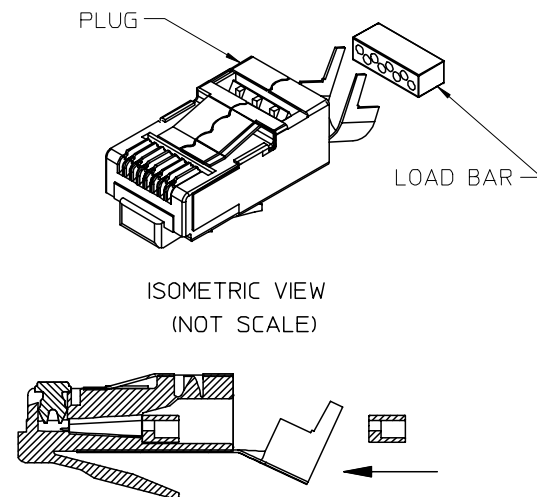
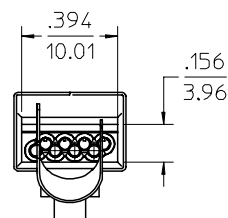
UPDATE NOTE 5	2007/01/29	2007/01/30	2007/02/01
EC NO: UCP2007-1736	DRWN:JBELL	CHKD:LSCHMIDT	APPR:FSMTH
A5	REV	DESCRIPTION	QUALITY SYMBOLS

QUALITY SYMBOLS
▽=0
▽=0

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

DIMENSION STYLE IN/MM	
DRAWN BY	DATE
MARGUL IS	01/01/12
CHECKED BY	DATE
MARGUL IS	01/01/12
APPROVED BY	DATE
COMERC I	01/01/12
MATERIAL NO.	
SEE CHART	
SIZE	
B	

SCALE 2:1		DESIGN UNITS INCH		 THIRD ANGLE PROJECTION	
TITLE RJ-45 PLUG FOR PROPOSED CAT 6 SPECIFICATIONS					
MOLEX MOLEX INCORPORATED					
DOCUMENT NO. SD-44915-001					SHEET NO. 1 OF 2



NOTES:

- | | |
|-----|--------------------------|
| REV | DESCRIPTION |
| 5 | APPR:FSM1TH 2007/02/01 |
| 4 | CH'D:LSCHMIDT 2007/01/30 |
| 3 | DRWN:JBELL 2007/01/29 |
| 2 | EC NO: UCP2007-1736 |
| 1 | UPDATE NOTE 2 & 5 |

QUALITY SYMBOLS	
	=0
	=0

GENERAL TOLERANCES (UNLESS SPECIFIED)		
	mm	INCH
4 PLACES	± .005	± .0005
3 PLACES	± .005	± .0005
2 PLACES	± .005	± .0005
1 PLACE	± .005	± .0005
ANGULAR ± 1/2°		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

DIMENSION STYLE	
IN/MM	
DRAWN BY	DATE
MARGULIS	01/01/12
CHECKED BY	DATE
MARGULIS	01/01/12
APPROVED BY	DATE
COMERIC	01/01/12
MATERIAL NO.	
SEE CHART	
SIZE	THIS DRAWING CONTAINS INCORPORATED AND

SCALE 2:1	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION
TITLE RJ-45 PLUG FOR PROPOSED CAT 6 SPECIFICATIONS		
 MOLEX INCORPORATED		
DOCUMENT NO. SD-44915-001		SHEET NO. 2 OF 2
AINS INFORMATION THAT IS PROPRIETARY TO MOLEX SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		