

- | | | |
|---|--------------|--|
| <ol style="list-style-type: none"> 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. | <p>15.79</p> | <p>UPDATE NOTE 5
EC NO: UCP2007-1736</p> |
|---|--------------|--|

UPDATE NOTE 5 EC NO: UCP2007-1736 DRWNG: J.BELL CHK'D: L.SCHMIDT APPR: F.M. TH			2007/01/29 2007/01/30 2007/02/01	QUALITY SYMBOLS ▼=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 2:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION			
DESCRIPTION RJ-45 PLUG FOR PROPOSED CAT 6 SPECIFICATIONS					mm	INCH	DRAWN BY MARGULIS	DATE 01/01/12	MOLEX INCORPORATED SD-44915-001					
					4 PLACES	± ---	± ---	CHECKED BY MARGULIS					DATE 01/01/12	
					3 PLACES	± ---	± ---	APPROVED BY COMERCIAL					DATE 01/01/12	
					2 PLACES	± ---	± ---	MATERIAL NO.					DOCUMENT NO.	SHEET NO. 1 OF 2
A5				1 PLACE	± ---	± ---	ANGULAR ±1/2°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					
REV								SIZE B	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

10

9

8

7

6

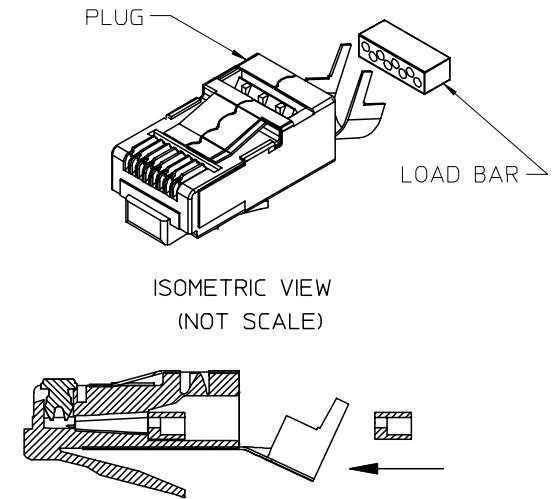
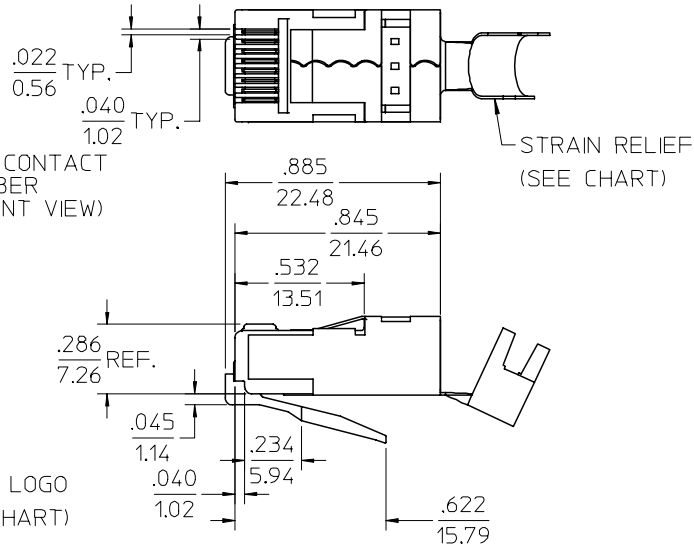
5

4

3

2

44915



NOTES:

1. MATERIAL:

PLUG: POLYCARBONATE, 94V-0, COLOR: CLEAR.
 LOAD BAR: POLYCARBONATE, 94V-0, COLOR: CLEAR.
 CONTACTS: PHOSPHOR BRONZE,
 SHIELD: BRASS.

2. CONTACT PLATING:

50 MICROINCHES / 1.27 MICROMETERS MIN. SELECT GOLD OVER
 100 MICROINCHES / 2.54 MICROMETERS MIN. NICKEL UNDERPLATE.

SHIELD:

100 MICROINCHES / 2.54 MICROMETERS BRIGHT TIN OVER
 30 MICROINCHES / 0.76 MICROMETERS COPPER 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 CONTAIN PRODUCT WITH TIN-LEAD IN THE SHIELD.

11. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

UPDATE NOTE 2 & 5
 EC NO: UCP2007-1736
 DRWN: J.BELL 2007/01/29
 CHKD: L.SCHMIDT 2007/01/30
 APPR: F.SMITH 2007/02/01

REV
 A5

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
COMERC I	01/01/12

MATERIAL NO.
 SEE CHART

SIZE
 B

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

MATERIAL NUMBER	MOLEX LOGO	STRAIN RELIEF
449150011	YES	NO
449150012	NO	NO
449150021	YES	YES
449150022	NO	YES

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
2:1	INCH	☉

TITLE	MOLEX INCORPORATED	SHEET NO.
RJ-45 PLUG FOR PROPOSED CAT 6 SPECIFICATIONS	SD-44915-001	2 OF 2