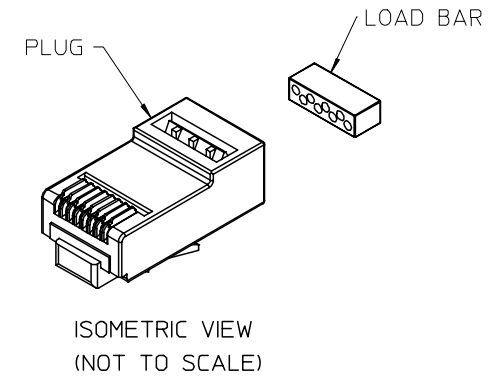
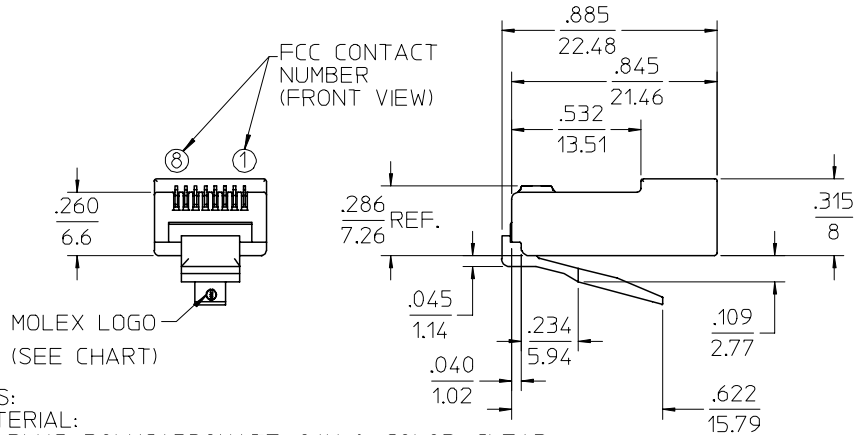
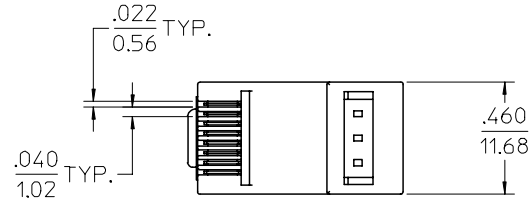


NOTES:

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	EC NO: UCP2007-1736	2007/01/29	DRWN:JBELL	2007/01/30	CHKD:LSCHMIDT	2007/02/01	APPR:FSMTH	2007/02/01
A5	REV	DESCRIPTION	QUALITY SYMBOLS	▽=0	▽=0			

GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM	
	mm	INCH	
4 PLACES	±---	±---	DRAWN BY MARGULIS DATE 01/01/12
3 PLACES	±---	±---	CHECKED BY DATE
2 PLACES	±---	±---	MARGULIS DATE 01/01/12
1 PLACE	±---	±---	APPROVED BY COMERC I DATE 01/01/12
ANGULAR ±1/2°		MATERIAL NO. SEE CHART	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DOCUMENT NO. SD-44915-001	

MATERIAL NUMBER		MOLEX LOGO	
449150001		YES	
449150002		NO	
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. 1 OF 2	
CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

10

9

8

7

6

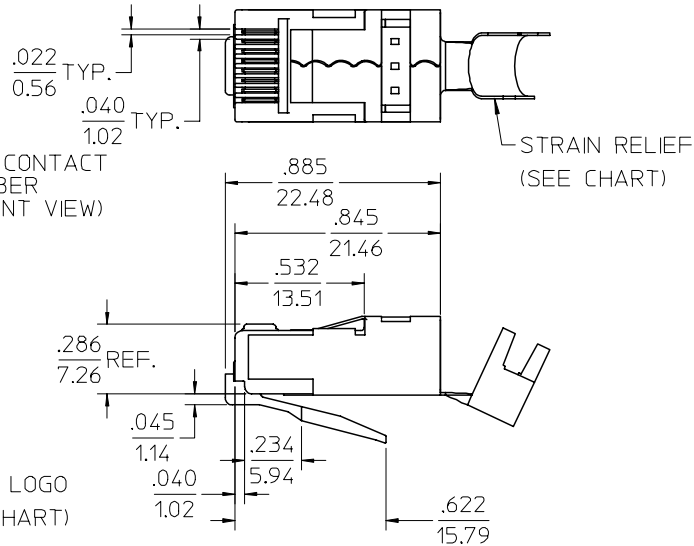
5

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
2007/01/29
DRWN: J.BELL
2007/01/30
CHKD: L.SCHMIDT
2007/02/01
APPR: F.SMITH

REV
A5

QUALITY
SYMBOLS
▽=0
▽=0

GENERAL TOLERANCES
(UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± .005	± .0004
3 PLACES	± .005	± .0004
2 PLACES	± .005	± .0004
1 PLACE	± .005	± .0004
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

SCALE
2:1

DESIGN UNITS
INCH

THIRD ANGLE
PROJECTION

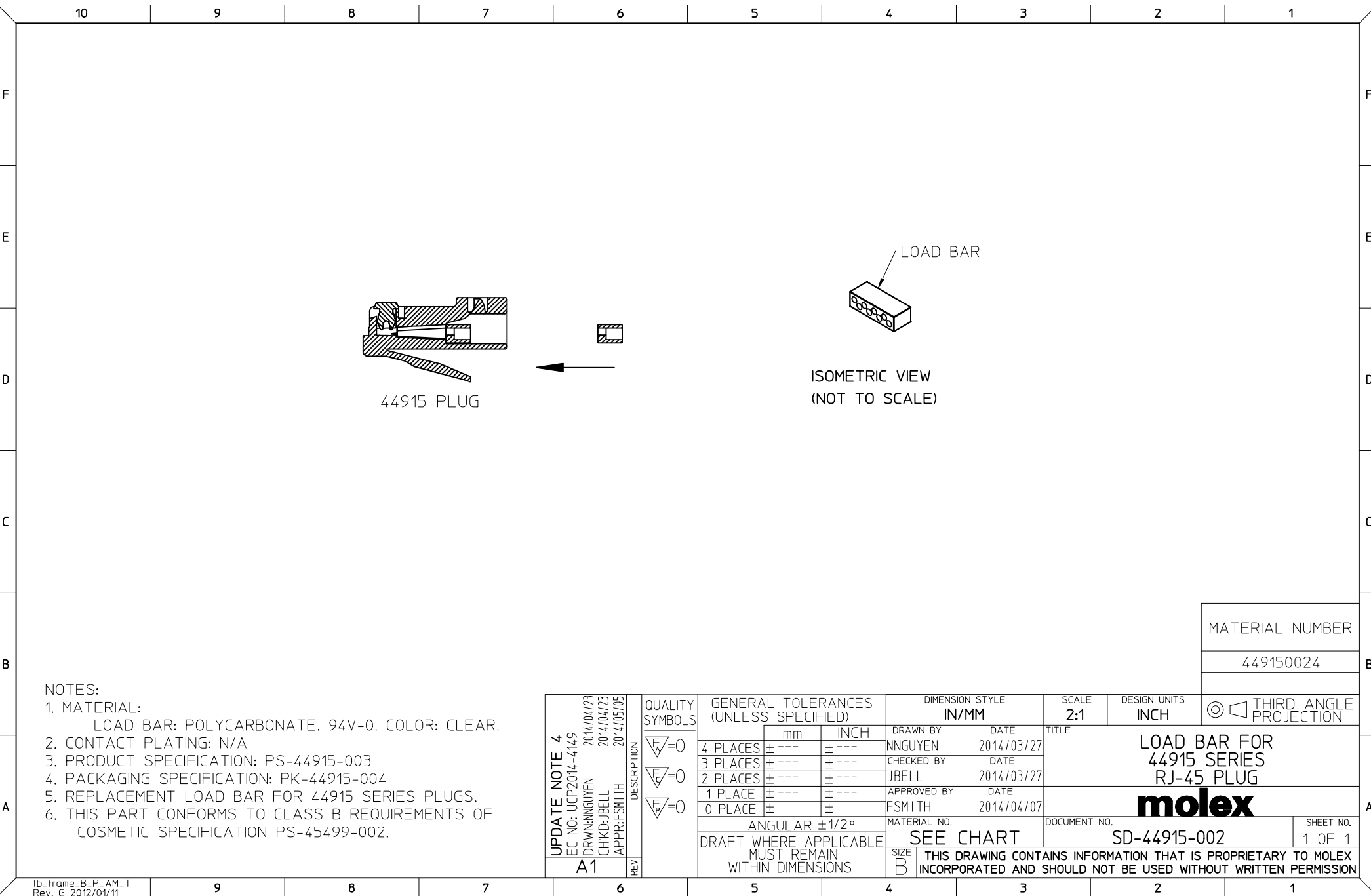
TITLE
RJ-45 PLUG FOR PROPOSED
CAT 6 SPECIFICATIONS

MOLEX

DOCUMENT NO.
SD-44915-001

SHEET NO.
2 OF 2

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



NOTES:
1. MATERIAL:
LOAD BAR: POLYCARBONATE, 94V-0, COLOR: CLEAR,
2. CONTACT PLATING: N/A
3. PRODUCT SPECIFICATION: PS-44915-003
4. PACKAGING SPECIFICATION: PK-44915-004
5. REPLACEMENT LOAD BAR FOR 44915 SERIES PLUGS.
6. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF
COSMETIC SPECIFICATION PS-45499-002.

UPDATE NOTE 4 EC NO: UCP2014-4149 DRAWN: NGUYEN CHKD: JBELL APPR: FSMITH A1			DESCRIPTION REV	QUALITY SYMBOLS ▽_A=0 ▽_B=0 ▽_C=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
							IN/MM		2:1	INCH		
									TITLE		LOAD BAR FOR 44915 SERIES RJ-45 PLUG	
mm		INCH	DRAWN BY	DATE	TITLE		LOAD BAR FOR 44915 SERIES RJ-45 PLUG					
4 PLACES ± --- ± ---		NNGUYEN 2014/03/27										
3 PLACES ± --- ± ---		CHECKED BY		DATE	TITLE		LOAD BAR FOR 44915 SERIES RJ-45 PLUG					
2 PLACES ± --- ± ---		JBELL 2014/03/27										
1 PLACE ± --- ± ---		APPROVED BY		DATE	TITLE		LOAD BAR FOR 44915 SERIES RJ-45 PLUG					
0 PLACE ± ±		FSMITH 2014/04/07										
ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.		SHEET NO.						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE B		SEE CHART		SD-44915-002		1 OF 1				
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												