



- 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.
  - 3. SHIELD:
    - 100 MICROINCHES / 2.54 MICROMETERS BRIGHT TIN OVER
    - 30 MICROINCHES / 0.76 MICROMETERS COPPER UNDERPLATE.
  - 4. PRODUCT SPECIFICATION: PS-44915-003
  - 5. PACKAGING SPECIFICATION:
    - ALL PARTS ARE BULK PACKED PER MOLEX PACKAGING SPECIFICATION PK-44915-003.
  - 6. 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.
  - 7. EIGHT CONDUCTOR MODULAR PLUG CONFORMS TO F.C.C. REGULATION PART 68.5 FOR MODULAR PLUGS. 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.

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

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 A5	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 2:1	DESIGN UNITS INCH	THIRD ANGL PROJECTION	
				DRAWN BY MARGUL IS	DATE 01/01/12	TITLE RJ-45 PLUG FOR PROPOSED CAT 6 SPECIFICATIONS MOLEX INCORPORATED DOCUMENT NO. SD-44915-001 SHEET N 2 OF			
				CHECKED BY MARGUL IS	DATE 01/01/12				
				APPROVED BY COMERC I	DATE 01/01/12				
		ANGULAR ±1/2°		MATERIAL NO. SEE CHART					
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE B	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				