







MATERIAL: HOUSING-POLYCARBONATE, CLEAR. SHIELD - COPPER ALLOY TERMINALS -.014 THICK PHOSPHOR BRONZE PLATED WITH 50µ THICK GOLD IN LOCALIZED GOLD PLATE AREA, GOLD FLASH OVER THE REMAINDER, OVER .000100 THICK NICKEL UNDERPLATE.



ALL DIMENSIONS SHOWN ARE MAXIMUM UNLESS OTHERWISE SPECIFIED.

PLUG WILL ACCEPT .029-.039 DIAMETER STRANDED WIRE, 28-24 AWG, WITH A .210 DIAMETER MAXIMUM JACKET.



TERMINATED DIMENSION .242 MAXIMUM.

-ELECTRICAL TEST:

- .250V AC MAX. AT 2 AMPS
- . DIELECTRIC WITHSTANDING 500 VOLTS AC
- INSULATION RESISTANCE: 500 MEGAOHMS
- .TERMINATION RESISTANCE: 35 MAX. AFTER **ENVIRONMENTAL TEST**

-MECHANICAL:

- .CABLE-TO-PLUG TENSILE STRENGTH 20 LBS. (89N) MIN.
- . DURABILITY: 200 MATING CYCLES

-OPERATING TEMPERATURE:

- $-40^{\circ}C + 125^{\circ}C$
- SUITABLE FOR CATSE CABLE IINSTALLATIONS.

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DWG BY: A. MEDINA SHIELDED MODULAR PLUG, RJ45 (8P8C), ROUND STRANDED CABLE DESCRIPTION: CHK: APRVD: 08/17/2010 DATE: THIS DRAWING IS THE EXCLUSIVE PROPERTY OF SHAXON INDUSTRIES, INC. ITS ACCEPTANCE CONSTITUTES AN COLOR: AGREEMENT THAT SHOULD BE TREATED AS A STRICTLY CONFIDENTIAL DOCUMENT TO BE USED FOR NO OTHER PURPOSE THAN TO AID IN THE ASSEMBLY OR OPERATION OF UNITS FURNISHED BY OR FOR SHAXON IND. INC. MATERIAL: PART NO.: OR OTHERWISE AS EXPRESSLY AUTHORIZED IN WRITING BY SHAXON IND. INC. THAT IT IS RETURNED UPON REQUEST AND IS NOT TO BE COMMUNICATED, DISCLOSED OR COPIED EXCEPT AS EXPRESSLY AUTHORIZED D.S. 1315 DWG NO. IN WRITING BY SHAXON INDUSTRIES INC. AutoCAD Release 12 c1a, Serial #: 110-10626948

DO NOT SCALE

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