MATERIAL/FINISH PROPERTIES

MATERIAL PROPERTIES:
BODY: BRASS PER ASTM B16 OR EQUIVALENT
CONTACT: BRASS PER ASTM B16 OR EQUIVALENT
INSULATORS: PTFE PER ASTM D1710 OR EQUIVALENT
GASKETS: SILICONE RUBBER PER AA59588 OR EQUIVALENT

PLATING PROPERTIES:
OTHER METAL PARTS: .000100 MIN. NICKEL PER QQ-N-290
CONTACTS: .000010 MIN. GOLD PER MIL-G-45204 OVER .000050 MIN. NICKEL PER QQ-N-290

MECHANICAL/ELECTRICAL PROPERTIES

CONNECTOR MEETS: MIL-STD-348 FIG. 201-1, MIL-PRF-49142
CONNECTOR MEETS: RoHS 2002/95/EC STANDARDS
CONNECTOR DURABILITY: 500 CYCLES MIN.
CABLE: BELDEN 9222
ASSEMBLY INSTRUCTIONS: AI322
IMPEDANCE: NON CONSTANT
VOLTAGE RATING: 400 VRMS
INSULATION RESISTANCE: 5,000 MEGOHMS
CONTACT RESISTANCE:
CENTER: 5.0 MILLOHMS MAX.
INTERMEDIATE: 0.5 MILLOHMS MAX.
OUTER: 0.5 MILLOHMS MAX.

INSULATION RESISTANCE: 5,000 MEGOHMS

ASSEMBLY INSTRUCTIONS: AI322

CONNECTOR MEETS: MIL-STD-348 FIG. 201-1, MIL-PRF-49142
CONNECTOR MEETS: RoHS 2002/95/EC STANDARDS
CONNECTOR DURABILITY: 500 CYCLES MIN.
CABLE: BELDEN 9222
ASSEMBLY INSTRUCTIONS: AI322
IMPEDANCE: NON CONSTANT
VOLTAGE RATING: 400 VRMS
INSULATION RESISTANCE: 5,000 MEGOHMS
CONTACT RESISTANCE:
CENTER: 5.0 MILLOHMS MAX.
INTERMEDIATE: 0.5 MILLOHMS MAX.
OUTER: 0.5 MILLOHMS MAX.

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE REFERENCE
X.XXX DIM’S = INCHES  *  [X.XX] DIM’S = MILLIMETERS
SURFACE FINISH: 63 MICRO MAX.
ALL DIAMETERS TO BE CONCENTRIC WITHIN .005 F.I.M.

MATERIAL & FINISH:
PER TABLE ABOVE

DRAWN BY: SRS
DATE: 03/10/10
CHECK BY: PCS
DATE: 03/10/10
APPR. BY: TLB
DATE: 03/10/10

CAGE CODE NO: 5N5S5
SCALE 2.5:1
SIZE A
REV A

SALES DRAWING
PART NO. 0131-P1NN-420-100N
SHEET 1 OF 1