

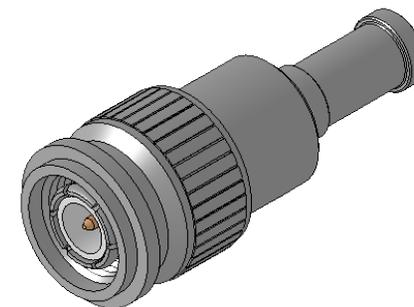
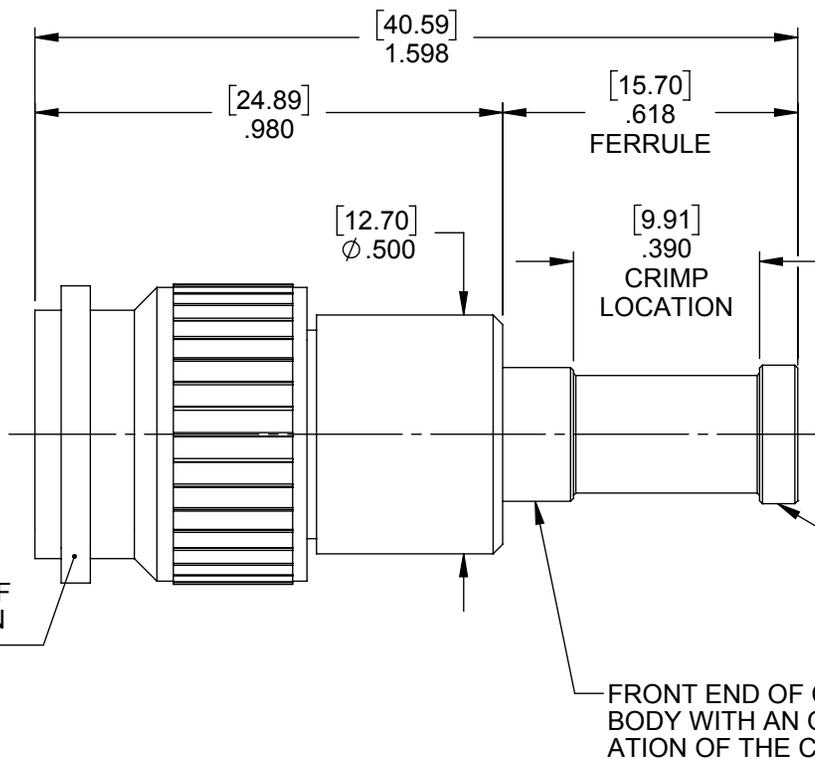
MATERIAL/FINISH PROPERTIES

MATERIAL PROPERTIES:
 BODY: BRASS PER ASTM B16 OR EQUIVALENT
 INTERFACE CONTACT: BERYLLIUM COPPER PER ASTM B196 OR EQUIVALENT
 CABLE CONTACT: BRASS PER ASTM B16 OR EQUIVALENT
 INSULATORS: PTFE PER ASTM D1710 OR EQUIVALENT
 GASKETS: SILICONE RUBBER PER AA59588 OR EQUIVALENT

PLATING PROPERTIES:
 BODY: .000100 MIN. NICKEL PER QQ-N-290
 CONTACT: .000030 MIN. GOLD PER MIL-G-45204 OVER
 .000050 MIN. NICKEL PER QQ-N-290

MECHANICAL/ELECTRICAL PROPERTIES

CONNECTOR MEETS: MIL-STD-348 FIG. 313-1, MIL-PRF-39012
 CONNECTOR MEETS: RoHS 2002/95/EC STANDARDS
 CONNECTOR DURABILITY: 500 CYCLES MIN.
 CABLE: RG58 OR EQUIVALENT
 ASSEMBLY INSTRUCTIONS: AI524
 IMPEDANCE: 50 OHMS NOMINAL
 FREQUENCY RANGE: DC-11 GHz
 VOLTAGE RATING: 500 VRMS
 INSULATION RESISTANCE: 5,000 MEGOHMS
 DIELECTRIC WITHSTANDING VOLTAGE: 1,500 VRMS



CONNECTOR WATERPROOF TO 10M FOR 4 HOURS IN AN UNMATED CONDITION.

BACK END OF CRIMP FERRULE TO BE SEALED TO CABLE WITH EPOXY (RECOMMENDED SUPPLIER AND APPLICATION INFORMATION PER ES146) OR SILICONE DURING THE CABLE ASSEMBLY PROCESS.

FRONT END OF CRIMP FERRULE TO BE SEALED TO BODY WITH AN O-RING DURING FERRULE INSTALLATION OF THE CABLE ASSEMBLY PROCESS.

IntelliConnect

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.

TITLE: TNC SEALED STRAIGHT CABLED PLUG

MATERIAL & FINISH: PER TABLE ABOVE

DRAWN BY: NB	CHECK BY: MS	APPR. BY: REP
DATE: 09/28/16	DATE: 09/28/16	DATE: 09/28/16

CAGE CODE NO: 5N5S5	SCALE: 2.5:1	SIZE: A	REV: 1
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SALES DRAWING	PART NO. 5124-P1NN-309-101N	SHEET 1 OF 1
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1	NPR99	REP	09/28/16
REV	DESCRIPTION	APPR	DATE