

MATERIAL/FINISH PROPERTIES

MATERIAL PROPERTIES:

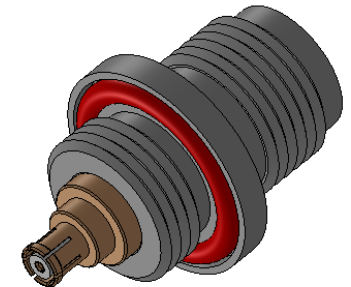
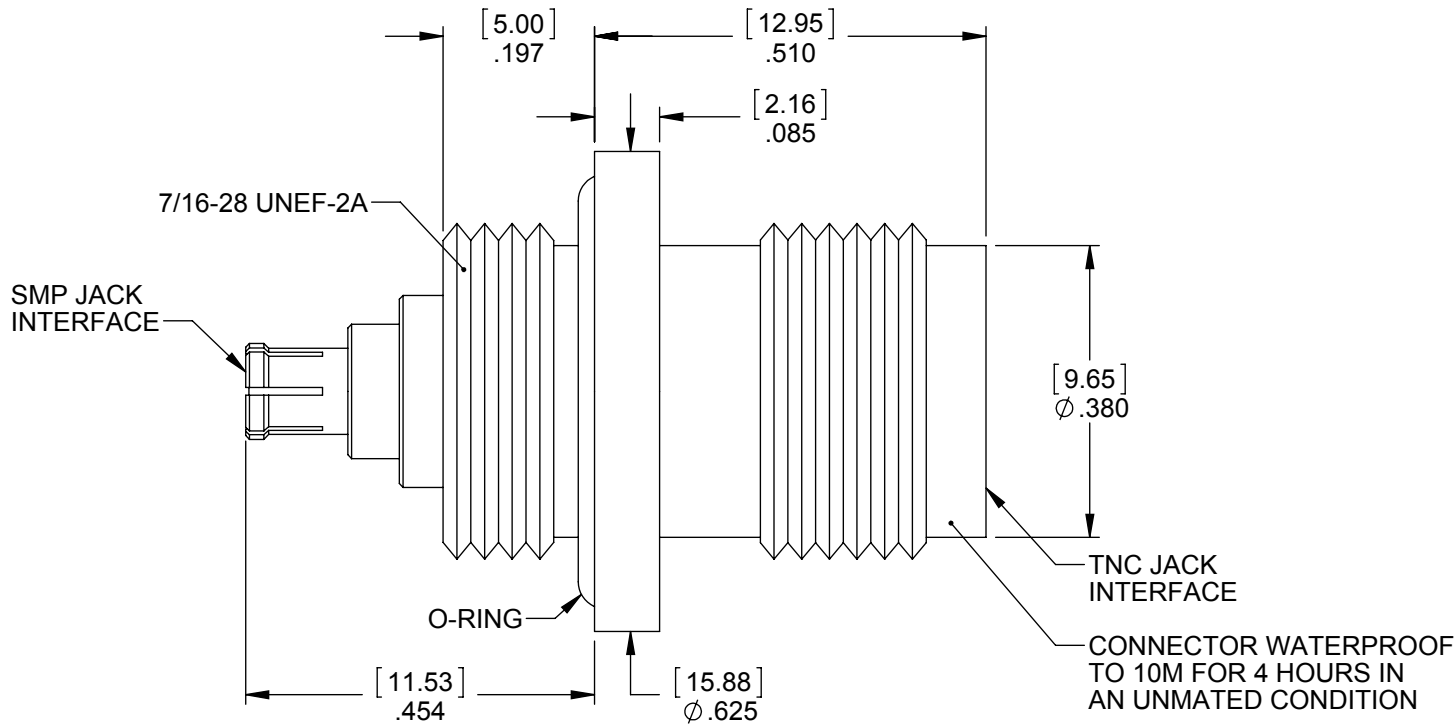
BODY(TNC): BRASS PER ASTM B16 OR EQUIVALENT
 OUTER CONTACT(SMP): BERYLLIUM COPPER PER ASTM B196 OR EQUIV.
 CENTER CONTACT: BERYLLIUM COPPER PER ASTM B196 OR EQUIVALENT
 INSULATOR: PTFE PER ASTM D1710 OR EQUIVALENT
 O-RINGS: SILICONE RUBBER PER ZZ-R-765 CLASS II-B OR EQUIVALENT

PLATING PROPERTIES:

BODY(TNC): .000100 MIN. NICKEL PER QQ-N-290
 OUTER CONTACT (SMP): .000050 MIN. GOLD PER MIL-G-45204 OVER
 .000150 MIN. NICKEL PER QQ-N-290
 CENTER CONTACT: .000030 MIN. GOLD PER MIL-G-45204 OVER
 .000050 MIN. NICKEL PER QQ-N-290

MECHANICAL/ELECTRICAL PROPERTIES

CONNECTOR MEETS: CECC 22 220, MIL-PRF-39012, MIL-STD-348
 CONNECTOR MEETS: RoHS 2002/95/EC STANDARDS
 CONNECTOR DURABILITY (SMP):100 CYCLES MIN.
 CONNECTOR DURABILITY (TNC): 500 CYCLES MIN.
 MOUNTING: PER ES117-BK600
 PANEL THICKNESS: .197 [5.0] MAX.
 IMPEDANCE: 50 OHMS NOMINAL
 FREQUENCY RANGE: DC-6 GHZ
 VOLTAGE RATING: 335 VRMS
 INSULATION RESISTANCE: 1,000 MEGOHMS
 DIELECTRIC WITHSTANDING VOLTAGE: 500 VRMS



IntelliConnect

TITLE: TNC JACK TO SMP JACK SEALED ADAPTER

MATERIAL & FINISH: PER TABLE ABOVE

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.

DRAWN BY: MS

CHECK BY: DJH

APPR. BY: REP

DATE: 12/16/14

DATE: 12/16/14

DATE: 12/16/14

CAGE CODE NO: 5N5S5

SCALE
3:1

SIZE
A

REV
A

SALES
DRAWING

PART NO.
A5993-1BK-100N

SHEET
1 OF 1

A	NPR 1075E	REP	01/20/15
REV	DESCRIPTION	APPR	DATE