

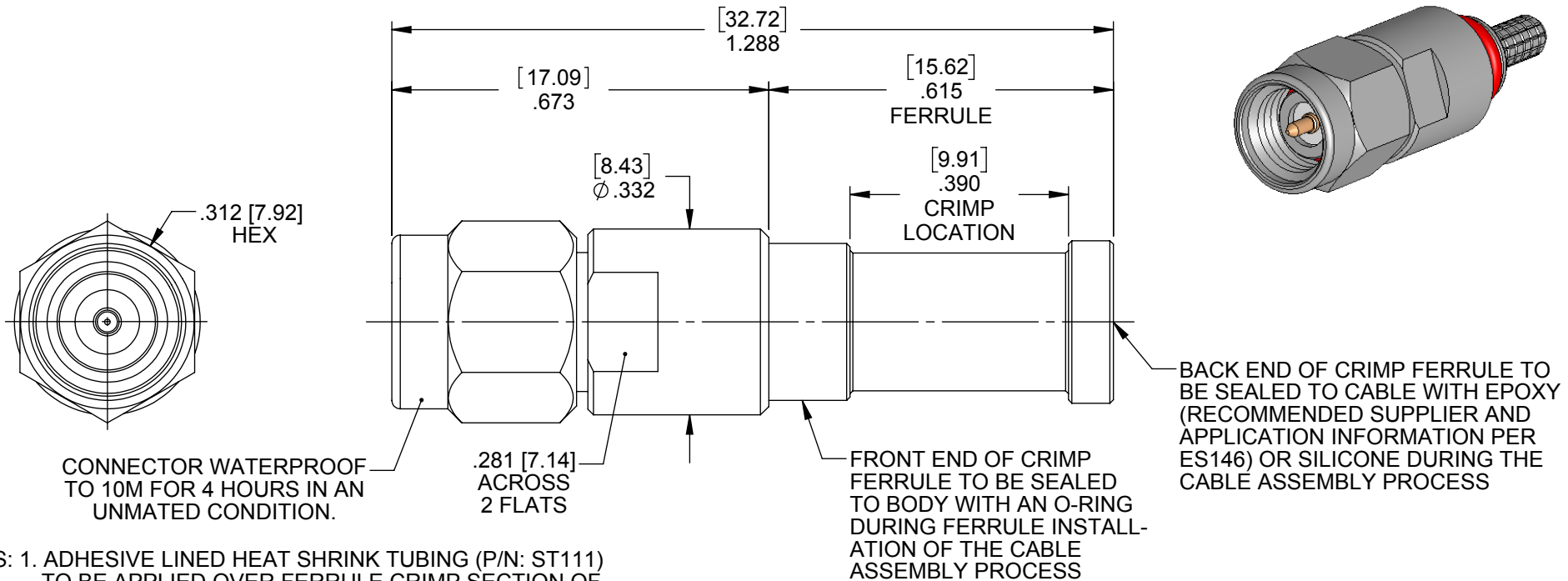
MATERIAL/FINISH PROPERTIES

MATERIAL PROPERTIES:
 BODY: BRASS PER ASTM B16 OR EQUIVALENT
 SLEEVE: STAINLESS STEEL PER ASTM A582 OR EQUIVALENT
 INTERFACE CONTACT: BERYLLIUM COPPER PER ASTM B196 OR EQUIVALENT
 CABLE CONTACT: BRASS PER ASTM B16 OR EQUIVALENT
 INSULATOR: PTFE PER ASTM D1710 OR EQUIVALENT
 GASKETS: SILICONE RUBBER PER AA59588 OR EQUIVALENT

PLATING PROPERTIES:
 BODY: .000100 MIN. NICKEL PER QQ-N-290
 SLEEVE: PASSIVATE PER QQ-P-35, TYPE II
 CONTACTS: .000030 MIN. GOLD PER MIL-G-45204 OVER
 .000050 MIN. NICKEL PER QQ-N-290

MECHANICAL/ELECTRICAL PROPERTIES

CONNECTOR MEETS: MIL-STD-348 FIG. 310-1, MIL-PRF-39012
 CONNECTOR MEETS: RoHS 2002/95/EC STANDARDS
 CONNECTOR DURABILITY: 250 CYCLES MIN.
 CABLE: RG58 OR EQUIVALENT
 ASSEMBLY INSTRUCTIONS:
 IMPEDANCE: 50 OHMS NOMINAL
 FREQUENCY RANGE: DC-18 GHz
 VOLTAGE RATING: 335 VRMS
 INSULATION RESISTANCE: 5,000 MEGOHMS
 DIELECTRIC WITHSTANDING VOLTAGE: 1,500 VRMS



NOTES: 1. ADHESIVE LINED HEAT SHRINK TUBING (P/N: ST111) TO BE APPLIED OVER FERRULE CRIMP SECTION OF CABLE ASSEMBLY (INCLUDED).

1	NPR 1309E	REP	09/28/16
REV	DESCRIPTION	APPR	DATE



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: SMA 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 4:1	SIZE A	REV 1
SALES DRAWING	PART NO. 5140-P1NN-309-101N	SHEET 1 OF 1	