

**MATERIAL/FINISH PROPERTIES**

**MATERIAL PROPERTIES:**

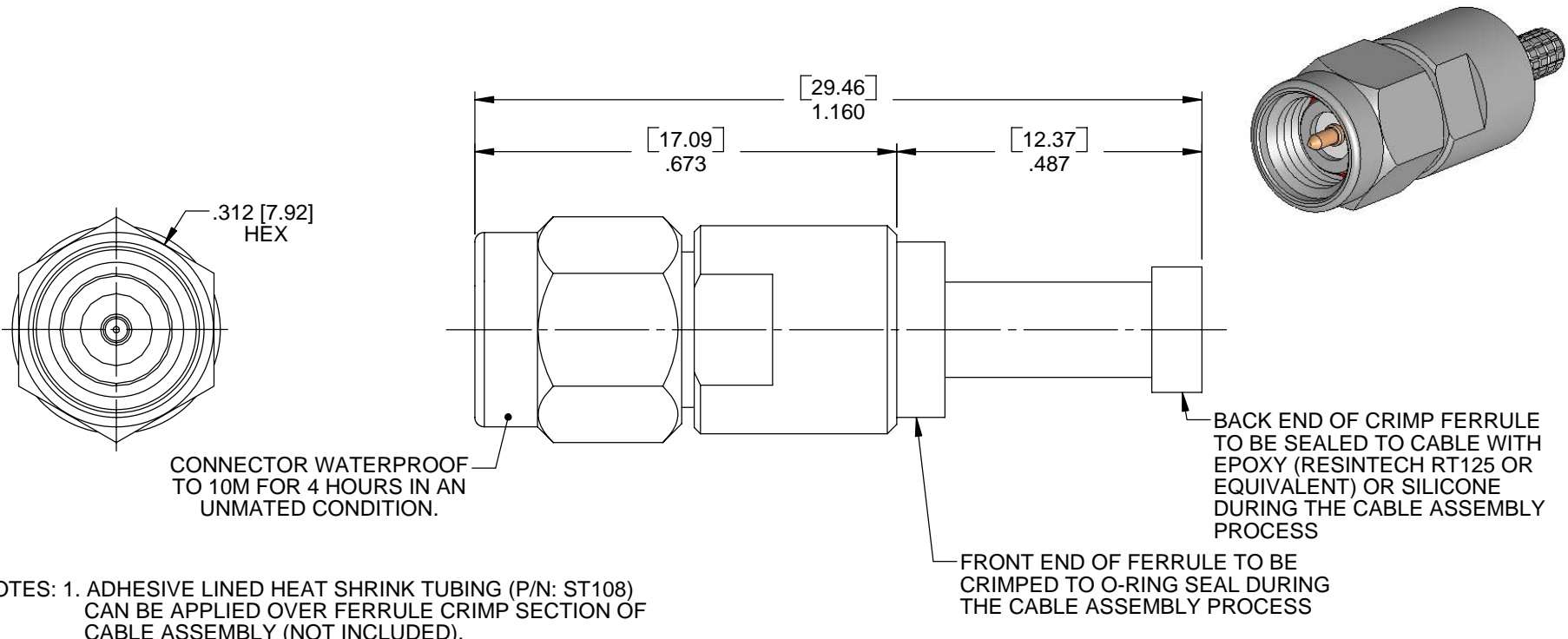
BODY/SLEEVE: BRASS PER ASTM B16 OR EQUIVALENT  
 INTERFACE CONTACT: BERYLLIUM COPPER PER ASTM B196 OR EQUIVALENT  
 CABLE CONTACT: BRASS PER ASTM B16 OR EQUIVALENT  
 INSULATOR: PTFE PER ASTM D1710 OR EQUIVALENT  
 GASKETS: SILICONE RUBBER PER AA59588 OR EQUIVALENT

**PLATING PROPERTIES:**

BODY/SLEEVE: .000100 MIN. NICKEL PER QQ-N-290  
 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: RG316 OR EQUIVALENT  
 FERRULE CRIMP TOOL: TL150  
 ASSEMBLY INSTRUCTIONS: AI378  
 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: ST108) CAN BE APPLIED OVER FERRULE CRIMP SECTION OF CABLE ASSEMBLY (NOT INCLUDED).



TITLE: SMA SEALED STRAIGHT CABLED PLUG

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.

<b>DRAWN BY:</b> SRS <b>DATE:</b> 11/22/11	<b>CHECK BY:</b> PCS <b>DATE:</b> 11/22/11	<b>APPR. BY:</b> TLB <b>DATE:</b> 11/22/11
<b>CAGE CODE NO:</b> 5N5S5	<b>SCALE:</b> 4:1	<b>SIZE:</b> A
<b>SALES DRAWING</b>	<b>PART NO.</b> 5140-P1NN-301-103N	<b>REV</b> C <b>SHEET</b> 1 OF 1

C	ECN 1357	TLB	03/06/12
B	ECN 1339	TLB	12/15/11
A	NPR 797U	TLB	11/22/11
<b>REV</b>	<b>DESCRIPTION</b>	<b>APPR</b>	<b>DATE</b>