

**MATERIAL/FINISH PROPERTIES**

**MATERIAL PROPERTIES:**

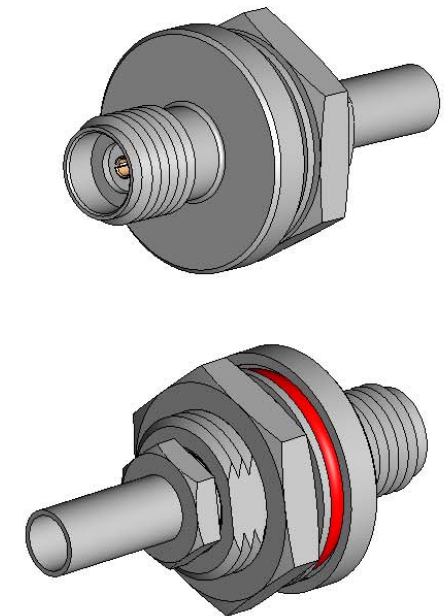
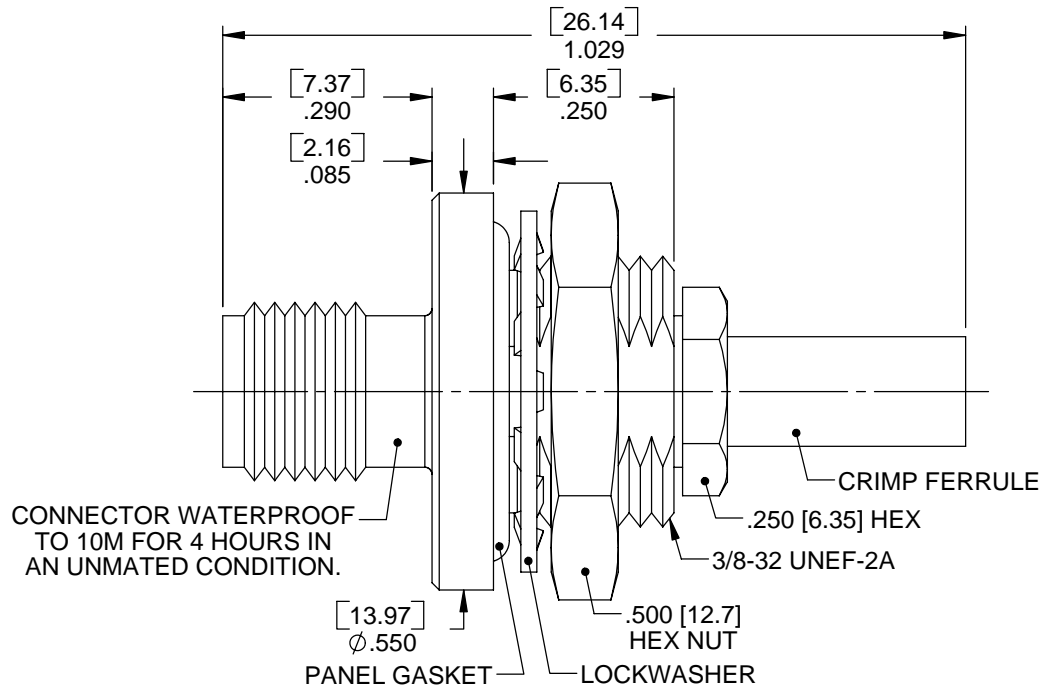
BODY: BRASS PER ASTM B16 OR EQUIVALENT  
 CONTACT: BERYLLIUM COPPER PER ASTM B196 OR EQUIVALENT  
 INSULATOR: PTFE PER ASTM D1710 OR EQUIVALENT  
 GASKETS: SILICONE RUBBER PER AA59588 OR EQUIVALENT

**PLATING PROPERTIES:**

BODY: .000100 MIN. NICKEL PER QQ-N-290  
 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. 310-2, MIL-PRF-39012  
 CONNECTOR MEETS: RoHS 2002/95/EC STANDARDS  
 CONNECTOR DURABILITY: 250 CYCLES MIN.  
 MOUNTING: PER ES117-BK470  
 PANEL THICKNESS: .125 [3.2] MAX.  
 CABLE: RG316 OR EQUIVALENT  
 ASSEMBLY INSTRUCTIONS: AI161  
 FERRULE CRIMP TOOL: .128 HEX.  
 IMPEDANCE: 50 OHMS NOMINAL  
 FREQUENCY RANGE: DC-18 GHz  
 VOLTAGE RATING: 335 VRMS  
 INSULATION RESISTANCE: 5,000 MEGOHMS  
 DIELECTRIC WITHSTANDING VOLTAGE: 1,500 VRMS



**IntelliConnect**

**TITLE:** SMA SEALED STRAIGHT BULKHEAD MOUNT  
CABLED JACK

**MATERIAL & FINISH:** PER TABLE ABOVE

<b>DRAWN BY:</b> SRS	<b>CHECK BY:</b> PCS	<b>APPR. BY:</b> TLB
<b>DATE:</b> 04/09/09	<b>DATE:</b> 04/09/09	<b>DATE:</b> 04/09/09

<b>CAGE CODE NO:</b> 5N5S5	<b>SCALE:</b> 4:1	<b>SIZE:</b> A	<b>REV:</b> B
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<b>SALES DRAWING</b>	<b>PART NO.</b> 5140-J1BK-301-101N	<b>SHEET</b> 1 OF 1
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**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	ECN 1365	TLB	05/04/12
A	NPR 580E	TLB	03/23/12
<b>REV</b>	<b>DESCRIPTION</b>	<b>APPR</b>	<b>DATE</b>