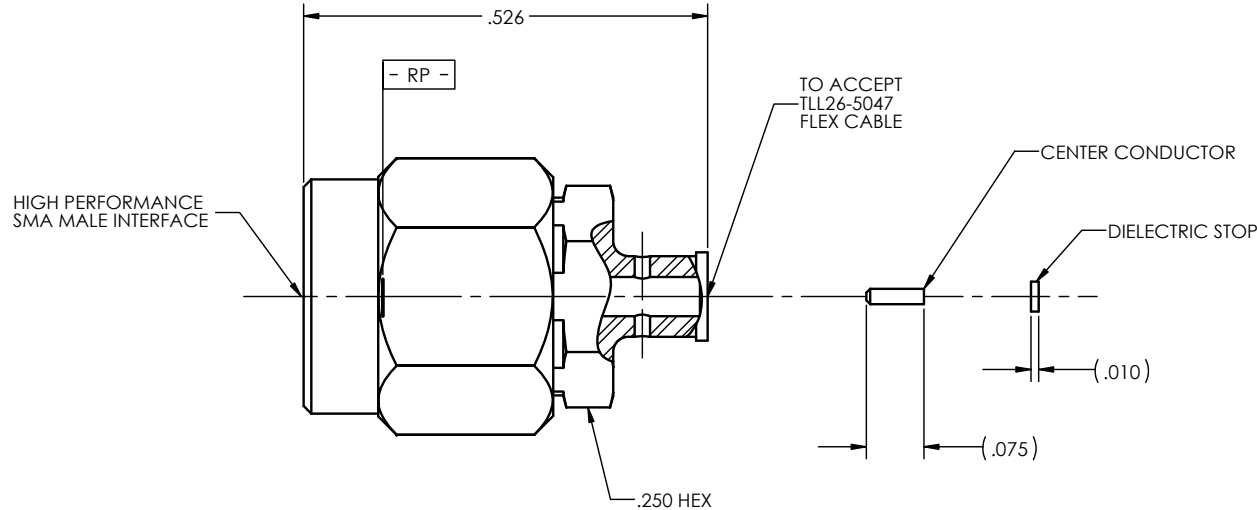
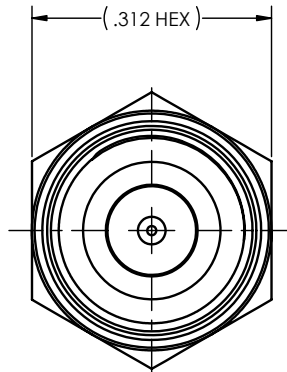
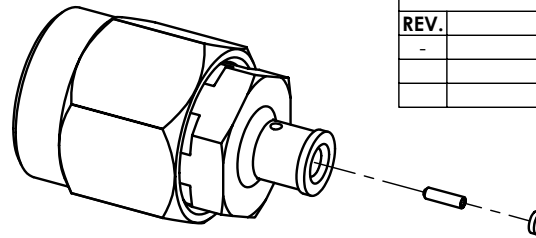


REVISIONS			
REV.	DESCRIPTION	DATE	BY
-	INITIAL RELEASE	9/6/2012	YP



NOTE(S):  
 1. CENTER CONDUCTOR & DIELECTRIC STOP TO BE PACKAGED & SHIPPED UNASSEMBLE.

MATERIAL:	ELECTRICAL:	MECHANICAL:	ENVIRONMENTAL:
Body & Coupling Nut: 303 sst per ASTM A-582 Center Conductor & Retaining Ring: BeCu Alloy per ASTM B-196 OR B-197 Insulator: PTFE Teflon per ASTM D-1710 Gasket: Silicone Rubber per A-A-59588 Center Conductor: Brass per ASTM B-16, Condition H02 Dielectric Stop: Polyamide-Imide Amoco Torlon No. 4203 per Mil-P-46179A.	Impedance: 50 Ohms Nom. Freq. Range: DC TO 26 GHz VSWR: 1.05 + .005xf (GHz) Insertion Loss: .06 x√f(GHz) dB Working Voltage: 335 Vrms @ Sea Level Dielectric Withstand Voltage: 1000 Vrms RF HiPot Voltage: 670 Vrms Min @ 5MHz Corona Level: 250 Vrms @ 70,000 ft Insulation Resistance: 5,000 Mohms Contact Resistance: Center Conductor: 2.0 Milliohms RF Leakage: -( 90 - fGHz )dB	Interface Dimensions: High performance SMA male Connector Durability: 500 Cycles min@ 12 Cycles/minute max. Force To Engage & Disengage: Torque: 2 inch-pounds max Longitudinal Force: NA Center Contact Captivation: Axial Force: 6 lbs Min. From Interface End Radial Torque: N/A Coupling Proof Torque:15 inch-pounds min. Coupling Mech. Retention: 60 pounds min.	Temp. Range: -65°C to +165°C Thermal Shock: MIL-STD-202, Method 107, Test Cond. B Moisture Resistance: MIL-STD-202, Method 106. Insulation resistance at least 200 MegaOhms within 5 minutes after removal from humidity Corrosion: MIL-STD-202, Method 101, Test Cond. B Vibration: MIL-STD-202, Method 204, Test Cond. D Shock: MIL-STD-202, Method 213, Test Cond. I

FINISH:	APPLICABLE CARLISLE IT DOCUMENTS	TOLERANCES AND NOTES	MATERIAL	SPECIFICATION	PROCUREMENT																																				
Body & Center Conductor: Gold plate per ASTM B-488, type II, Code C, Class 1.25 over Nickel plate per AMS-QQ-N-290, class 1.  Coupling Nut: Passivate per ASTM A-967 OR SAE-AMS-2700.	<table border="1"> <thead> <tr> <th>WORK STANDARD</th> <th>PROD INSTRUC</th> <th>ASSY INSTRUC</th> </tr> </thead> <tbody> <tr> <td>NA</td> <td>NA</td> <td>AI-678</td> </tr> </tbody> </table>	WORK STANDARD	PROD INSTRUC	ASSY INSTRUC	NA	NA	AI-678	EXCEPT AS NOTED DIMENSIONS ARE IN INCHES. LINEAR .XX ±.015 ANGLULAR ± 1/2° FRACTION ± 1/32 1. MACHINE FINISH: √RMS 2. BREAK ALL SHARP EDGES .003 MAX. 3. MACHINED FILLETS, .005 MAX. 4. MACHINED SURFACES SQUARE TO RESPECTIVE AXIS WITHIN .005 INCHES PER INCH. 5. MACHINED DIAMETERS CONCENTRIC WITHIN .002 TLR. 6. DIMENSIONS TO BE MET BEFORE PLATING. 7. CHAMFER ALL THREADS 45°. 8. THREADS PER H-28 9. REMOVE FRAVED EDGES ON TEFLON. 10. REMOVE ALL BURRS.	<table border="1"> <thead> <tr> <th>APPROVAL INITIALS</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>YPHAN</td> <td>09.06.12</td> </tr> <tr> <td>CHECKED BY</td> <td>-</td> </tr> <tr> <td>TEST ENGR</td> <td>-</td> </tr> <tr> <td>QUALITY</td> <td>-</td> </tr> <tr> <td>DESIGN ENGR</td> <td>H.T. 09.26.12</td> </tr> <tr> <td>MFG. ENGR</td> <td>-</td> </tr> <tr> <td>ECO APPRV</td> <td>-</td> </tr> </tbody> </table>	APPROVAL INITIALS	DATE	YPHAN	09.06.12	CHECKED BY	-	TEST ENGR	-	QUALITY	-	DESIGN ENGR	H.T. 09.26.12	MFG. ENGR	-	ECO APPRV	-	<table border="1"> <thead> <tr> <th>TITLE</th> <th>SCALE</th> <th>SUB-DIRECTORY/OL/</th> <th>SHEET 1 OF 1</th> </tr> </thead> <tbody> <tr> <td>HIGH PERFORMANCE SMA MALE FOR TLL26-5047 FLEX CABLE</td> <td>8:1</td> <td>OL/</td> <td>1</td> </tr> </tbody> </table>	TITLE	SCALE	SUB-DIRECTORY/OL/	SHEET 1 OF 1	HIGH PERFORMANCE SMA MALE FOR TLL26-5047 FLEX CABLE	8:1	OL/	1	<table border="1"> <thead> <tr> <th>SIZE</th> <th>CAGE CODE</th> <th>DRAWING NO.</th> </tr> </thead> <tbody> <tr> <td>C</td> <td>30990</td> <td>5755-11CCSF</td> </tr> </tbody> </table>	SIZE	CAGE CODE	DRAWING NO.	C	30990	5755-11CCSF
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