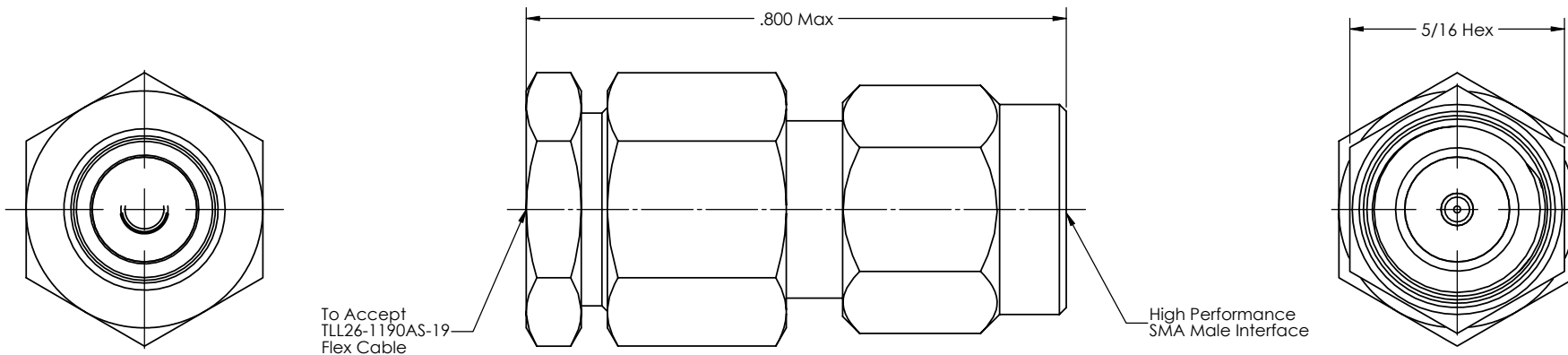
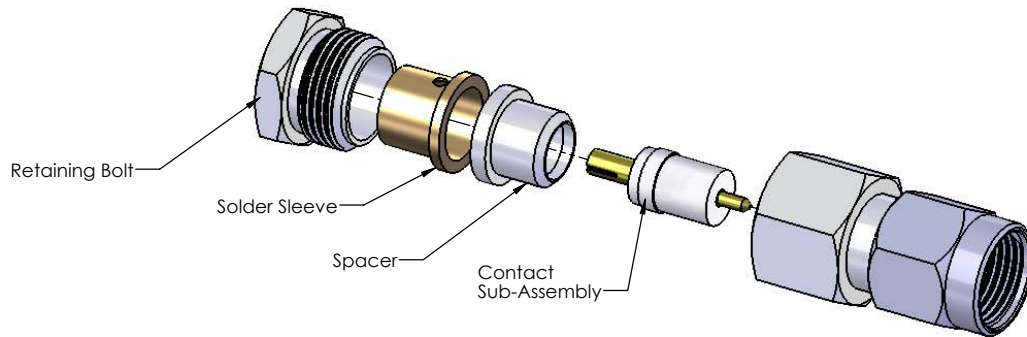


REVISIONS			
REV	DESCRIPTION	DATE	BY
A	ECO 21831	12.10.08	HT
B	ECO 22762	01.05.10	HN



Note(s):
1. Retaining Bolt, Solder Sleeve, Spacer and Contact Sub-Assembly to be packaged and shipped unassembled.

MATERIAL:	ELECTRICAL:	MECHANICAL:	ENVIRONMENTAL:
Body, Coupling Nut, Retaining Bolt, And Spacer: 303 sst per ASTM A 582. Center Conductor, Solder Sleeve, And Retaining Ring: BeCu alloy C17300 per ASTM B 196. Insulator: Teflon, PTFE, per ASTM D 1710. Gasket: Silicone rubber per A-A-59588.	Impedance: 50 Ohms Nom. Freq. Range: DC TO 26 GHz VSWR: TBD Insertion Loss: TBD Working Voltage: 333 Vrms @ Sea Level Dielectric Withstand Voltage: 1,000 Vrms RF HiPot Voltage: 667 Vrms Min @ 5MHz Corona Level: 250 Vrms @ 70,000 ft Insulation Resistance: 5,000 MegaOhms Contact Resistance: Center Conductor: Before Environmental: 3.0 Milliohms Max. After Environmental: 4.0 Milliohms Max. Outer Contact: Before Environmental: 2.0 Milliohms Max. RF Leakage: -(90 - fGHz) dB Min.	Mating Characteristics: High performance SMA male Interface Force To Engage & Disengage: Torque: 2 inch-pounds max Longitudinal Force: NA Connector Durability: 500 cycles min @ 12 cycles/minute max Coupling Proof Torque: 15 inch-pounds min. Coupling Mech. Retention: 60 pounds min.	Temp. Range: -65°C to +125°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(ES):	APPLICABLE CARLISLE IT DOCUMENTS	TOLERANCES AND NOTES	MATERIAL	SIZE	SPECIFICATION	PROCUREMENT																												
Center Conductor: Gold plate per ASTM B 488, Type II, Code C or D, Class 1.25, over nickel under plate per SAE-AMS-QQ-N-290, Class 1. Solder Sleeve: Gold plate per ASTM B 488, Type II, Code C, Class 0.25, over nickel under plate per SAE-AMS-QQ-N-290, Class 1. Body, Coupling Nut, Retaining Bolt, and Spacer: Passivate per ASTM A 967 or AMS-QQ-P-35.	<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>TBD</td> </tr> </tbody> </table>	WORK STANDARD	PROD INSTRUC	ASSY INSTRUC	NA	NA	TBD	EXCEPT AS NOTED DIMENSIONS ARE IN INCHES. LINEAR .XX ±.015 ANGULAR ± 1/2° FRACTION ± 1/32 1. MACHINE FINISH: $\sqrt{}$ 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 FRAYED EDGES ON TEFLON. 10. REMOVE ALL BURRS.	<table border="1"> <thead> <tr> <th>APPROVAL INITIALS</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>HT</td> <td>08.26.08</td> </tr> </tbody> </table>	APPROVAL INITIALS	DATE	HT	08.26.08	<table border="1"> <thead> <tr> <th>DESIGN ENGR</th> <th>H.N.</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td>01.06.10</td> </tr> </tbody> </table>	DESIGN ENGR	H.N.	DATE			01.06.10	<table border="1"> <thead> <tr> <th>SCALE</th> <th>SUB-DIRECTORY/FILE NAME</th> <th>SHEET 1 OF 1</th> </tr> </thead> <tbody> <tr> <td>8:1</td> <td>OL/</td> <td></td> </tr> </tbody> </table>	SCALE	SUB-DIRECTORY/FILE NAME	SHEET 1 OF 1	8:1	OL/		<table border="1"> <thead> <tr> <th>SIZE</th> <th>CAGE CODE/DRAWING NO.</th> <th>REV.</th> </tr> </thead> <tbody> <tr> <td>C</td> <td>30990 5755-9CCSF</td> <td>B</td> </tr> </tbody> </table>	SIZE	CAGE CODE/DRAWING NO.	REV.	C	30990 5755-9CCSF	B
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