

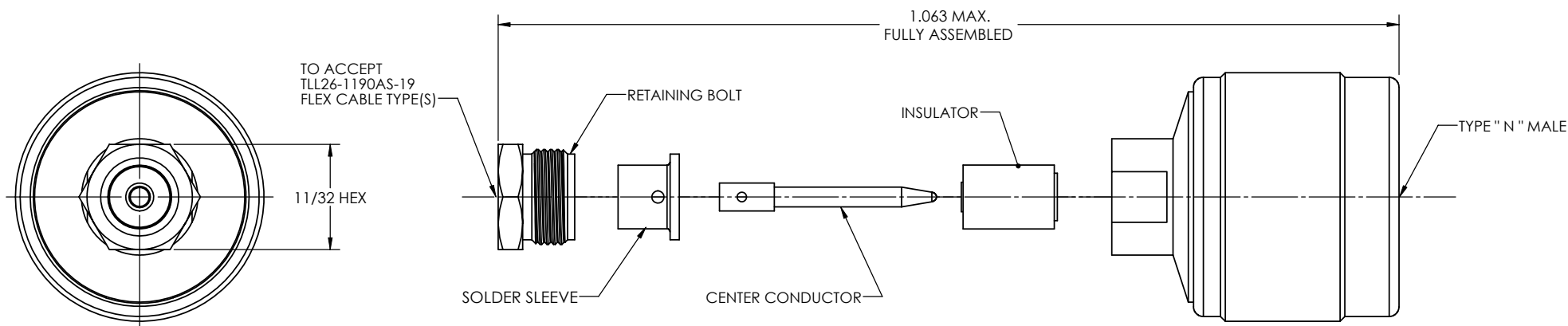
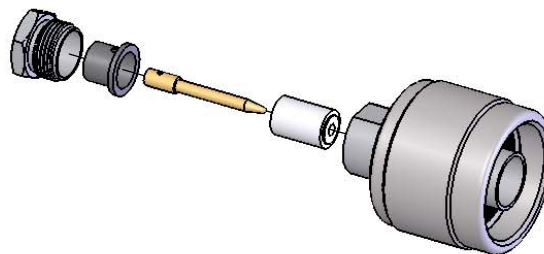
4

3

2

1

REVISIONS			
REV	DESCRIPTION	DATE	BY
A	ECO 21817	12.08.08	HT



NOTE:
RETAINING BOLT, SOLDER SLEEVE, CENTER CONDUCTOR & INSULATOR TO BE PACKAGED & SHIPPED UNASSEMBLED

MATERIAL:	ELECTRICAL:	MECHANICAL:	ENVIRONMENTAL:
BODY, NUT, RETAINING BOLT: 303 SST PER ASTM A-582 CENTER CONDUCTOR, SOLDER SLEEVE & RETAINING RING: BeCu ALLOY PER ASTM B-196 INSULATOR: TEFLON PTFE ASTM D 1710 GASKET: SILICONE RUBBER PER A-A-59588	Impedance: 50 Ohms Nom. Freq. Range: DC TO 18 GHz VSWR: TBD Insertion Loss: TBD Working Voltage: 500 Vrms @ Sea Level Dielectric Withstand Voltage: 2500 Vrms RF HiPot Voltage: 1500 Vrms Min @ 5MHz Corona Level: 500 Vrms @ 70,000 ft Insulation Resistance: 5000 Mohms Contact Resistance: Center Conductor: Before Environmental: 1.0 MilliOhms Max After Environmental: 1.5 MilliOhms Max	Mating Characteristics: MIL-STD-348 Torque To Engage & Disengage: Torque: 6 inch-pounds max Longitudinal Force: NA Connector Durability: 500 cycles min @ 12 cycles/minute max Coupling Proof Torque: 30 inch-pounds min Coupling Mech. Retention: 100 pounds min. Mating Torque: 15 inch-pounds.	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:	APPLICABLE CARLISLE IT DOCUMENTS			TOLERANCES AND NOTES EXCEPT AS NOTED		MATERIAL				SIZE		SPECIFICATION		PROCUREMENT						
	WORK STANDARD	PROD INSTRUC	ASSY INSTRUC	1. MACHINE FINISH	2. BREAK ALL SHARP EDGES	3. MACHINED FILLETS	4. MACHINED SURFACES SQUARE TO RESPECTIVE AXIS WITHIN .005 INCHES PER INCH	5. MACHINED DIAMETERS CONCENTRIC WITHIN .002 I.D.	6. DIMENSIONS TO BE MET BEFORE PLATING.	7. CHAMFER ALL THREADS 45°	8. THREADS PER I.D.	9. REMOVE FRAYED EDGES ON TEFLON.	10. REMOVE ALL BURRS.	APPROVAL INITIALS	DATE	TITLE	SCALE	SUB-DIRECTORY FILE NAME	SHEET 1 OF 1	REV.
CENTER CONDUCTOR; SOLDER SLEEVE GOLD PLATE PER ASTM B-488 OVER NICKEL PLATE PER AMS-QQ-N-290 BODY, NUT, RETAINING BOLT: PASSIVATED PER ASTM A-967 OR AMS-QQ-P-35	NA	NA	TBD	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 I.D.	6. DIMENSIONS TO BE MET BEFORE PLATING.	7. CHAMFER ALL THREADS 45°	8. THREADS PER I.D.	9. REMOVE FRAYED EDGES ON TEFLON.	10. REMOVE ALL BURRS.	YPHAN	10.09.08	TYPE "N" MALE FOR TLL26-1190AS-19 FLEX CABLE	4:1	SW/	8209-9SF	A

4

3

2

1