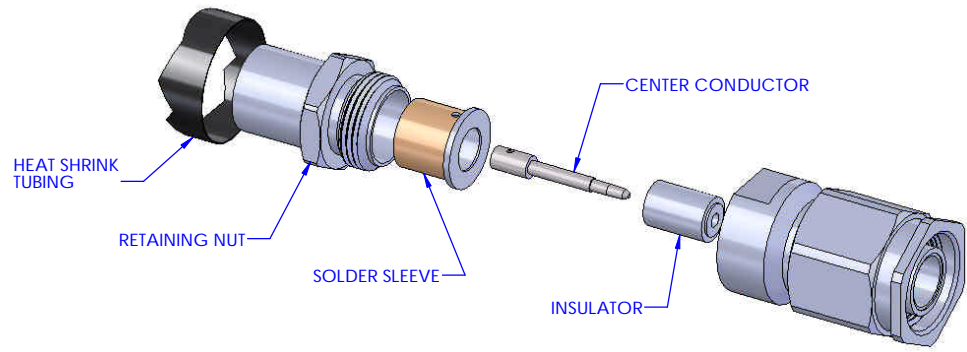
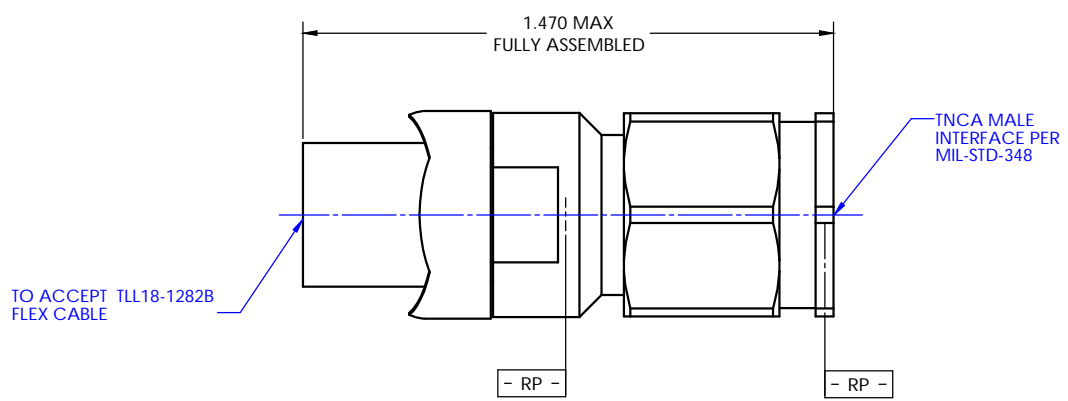
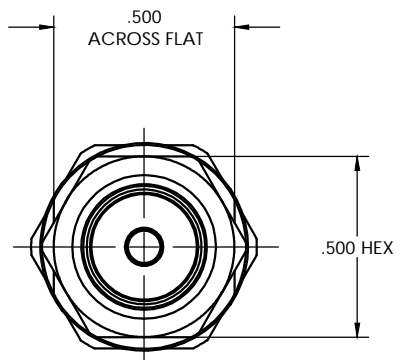


REVISIONS			
REV	DESCRIPTION	DATE	BY
-	-	-	-



PRELIMINARY



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

MATERIAL:	ELECTRICAL:	MECHANICAL:	ENVIRONMENTAL:
BODY, NUT, & RETAINING NUT: 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: 1.2 : 1 @ 18 GHz Insertion Loss: .20 dB DC - 16GHz .32 dB 16 to 18 GHz Working Voltage: 500 Vrms @ Sea Level Dielectric Withstand Voltage: 1500 Vrms RF HiPot Voltage: 1,000 Vrms Min @ 5MHz Corona Level: 375 Vrms @ 70,000 ft Insulation Resistance: 5,000 MegOhms Contact Resistance: Center Conductor: Before Environmental: 1.5 Milliohms Max After Environmental: 2.0 Milliohms Max Center Contact: Before Environmental: .2 Milliohms Max	Mating Characteristics: MIL- STD- 348 Torque 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: 100 pounds min. Mating Torque: 12- 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	XXX ± .015	ANGULAR ± 1/2°	APPROVAL INITIALS	DATE	TEST ENGR	DESIGN ENGR	DATE	SCALE	SUB-DIRECTORY/FILE NAME	TITLE	SHEET 1 OF	1	
CENTER CONDUCTOR; SOLDER SLEEVE GOLD PLATE PER ASTM B- 488 OVER NICKEL PLATE PER AMS- QQ- N- 290 BODY, NUT, & RETAINING NUT: PASSIVATED PER ASTM A- 967; AMS- QQ- P- 35 OR SAE- AMS 2700	NA	NA	NA	LINEAR XXX ± .015	ANGULAR ± 1/2°	K.N.G.	04.06.10	-	HN	04.27.10	4:1	OL/	CARLISLE Interconnect Technologies Long Beach, CA 90815 TNCA MALE FOR TLL18-1282B FLEX CABLE	1	1	
	NOTICE: THIS DRAWING EMBODIES A CONFIDENTIAL PROPRIETARY DESIGN ORIGINATED BY CARLISLE INTERCONNECT TECHNOLOGIES & ALL DESIGN, MANUFACTURING, REPRODUCTION, USE & SALE RIGHTS REGARDING THE SAME ARE EXPRESSLY RESERVED. IT IS SUBMITTED UNDER A CONFIDENTIAL RELATIONSHIP FOR A SPECIFIED PURPOSE & THE RECIPIENT AGREES BY ACCEPTING THIS DRAWING NOT TO SUPPLY OR DISCLOSE ANY INFORMATION REGARDING IT TO ANY UNAUTHORIZED PERSON OR TO INCORPORATE IN OTHER PROJECTS ANY SPECIAL FEATURES PECULIAR TO THIS DESIGN. ALL PATENT RIGHTS HERETO ARE EXPRESSLY RESERVED BY CARLISLE INTERCONNECT TECHNOLOGIES, LONG BEACH, CALIFORNIA 90815.			1. MACHINE FINISH: $\sqrt{2}$ 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.T.R.	6. DIMENSIONS TO BE MET BEFORE PLATING.	7. CHAMFER ALL THREADS 45°.	8. THREADS PER 11-98	9. REMOVE FRAVED EDGES ON TEFLON.	10. REMOVE ALL BURRS.	SIZE: C CAGE CODE: 30990 DRAWING NO.: 9209-8CCSF REV: -		