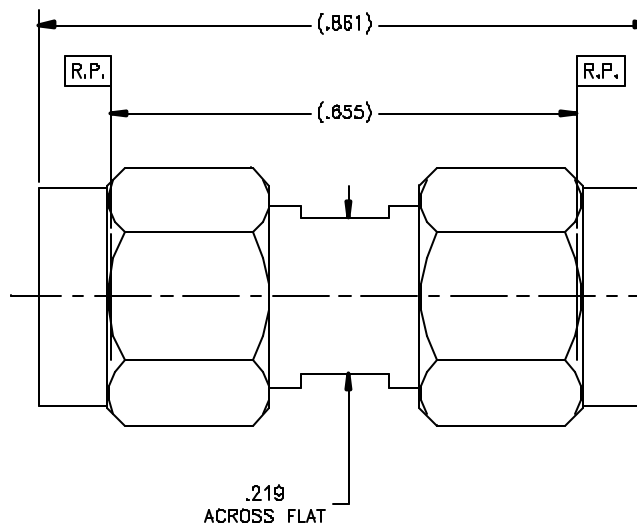
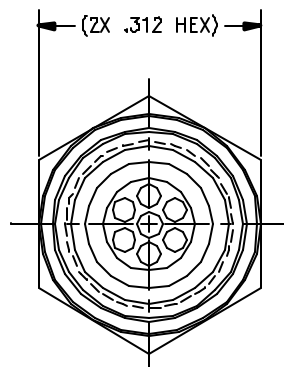


P/N
CC
CCSF

REVISIONS			
REV	DESCRIPTION	DATE	BY
A	ECO 21821	12.09.08	DKN
B	ECO 25054 (CHG TEMP RANGE)	11.8.11	YP



SMK MALE
INTERFACE PER
MIL-STD-348
(TYP)

MATERIAL:	ELECTRICAL:	MECHANICAL:	ENVIRONMENTAL:
Body And Coupling Nut: 303 sst per ASTM A-582. Center Conductor: BeCu alloy per ASTM B-196. Retaining Ring: BeCu alloy per ASTM B-196. Gasket: Viton A per MIL-R-83248 Head: (High Performance Application).	Impedance: 50 Ohms nominal. Frequency Range: 0 to 40 GHz. VSWR: $1.08 + .01 \times f(\text{GHz})$ Insertion Loss: $.08\sqrt{f(\text{GHz})}$ dB max. Working Voltage: 500 Vrms max @ sea level. Dielectric Withstanding Voltage: 1500 Vrms. R.F. HiPot Voltage: 1000 Vrms min @ 5MHz. Corona Level: 375 Vrms @ 70,000 ft. Insulation Resistance: 5000 MegOhms min. R.F. Leakage: -90 dB max to 40 GHz. Contact Resistance: Initial: Center Contact: 5.0 Milliohm max. Outer Contact: 2.0 Milliohm max. After Environment: Center Contact: 7.0 Milliohm max. Outer Contact: NA.	Mating Characteristics: Interface per Mil-Std-348. Force To Engage & Disengage: Torque: 2 inch-pounds max. Longitudinal Force: NA. Connector Durability: 500 cycles min @ 12 cycles/minute max. Permeability: Less than 2.0 mu. Center Contact Retention: Axial Force: 6 pounds min. Torque: 4 inch-aunces min. Coupling Proof Torque: 15 inch-pounds min. Coupling Mech. Retention: 60 pounds min.	Operating Temperature: -55° to +125°. Thermal Shock: Mil-Std-202, Method 107, Test Cond. B, except high temperature will be +165°C. Moisture Resistance: Mil-Std-202, Method 106, Insulation resistance at least 200 MegOhms 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		-		-		-	
Body And Coupling Nut: (for CCSF's) Passivate per ASTM A-967. (for CC's) Gold plate per ASTM B-488, over nickel under plate per AMS-QQ-N-290. Center Conductor: Gold plate per ASTM B-488, over nickel under plate per AMS-QQ-N-290.		WORK STD NA PROD INST NA ASSY INST NA		1. MACHINE FINISH 10/100 2. BREAK ALL CHAMF EDGES AND MAX. 3. WORKING FINISH 10/100 4. WORKING FINISH 10/100 5. WORKING FINISH 10/100 6. WORKING FINISH 10/100 7. WORKING FINISH 10/100 8. WORKING FINISH 10/100 9. WORKING FINISH 10/100 10. WORKING FINISH 10/100 11. WORKING FINISH 10/100 12. WORKING FINISH 10/100		APPROVAL INITIALS DATE 03.12.02		SPECIFICATION CARLISLE SMK MALE TO SMK MALE STRAIGHT ADAPTER		PRELIMINARY	
		NOTICE		1. MACHINE FINISH 10/100 2. BREAK ALL CHAMF EDGES AND MAX. 3. WORKING FINISH 10/100 4. WORKING FINISH 10/100 5. WORKING FINISH 10/100 6. WORKING FINISH 10/100 7. WORKING FINISH 10/100 8. WORKING FINISH 10/100 9. WORKING FINISH 10/100 10. WORKING FINISH 10/100 11. WORKING FINISH 10/100 12. WORKING FINISH 10/100		DESIGN ENG DNG 12.09.08		SCALE B:1 CL		REV 1 BY 1	
						MFG ENG HEN 11/08/11		C 308990		223	