

1. DIMENSIONS SHOWN ARE FOR ROGERS 4350 PCB MATERIAL.
THESE DIMENSIONS MAY VARY DEPENDING ON PCB MATERIAL USED.

MATERIAL:	ELECTRICAL:	MECHANICAL:	ENVIRONMENTAL:
Body: BeCu alloy per ASTM B-196. Center Conductor: Brass alloy per ASTM B-16. Insulator: Torlon per AMS 3670 or ASTM D-5204.	Impedance: 50 Ohms nominal. Frequency Range: DC to 18 GHz. VSWR: 1.15:1 max to 18 GHz. Insertion Loss: .10 dB max to 18 GHz. Working Voltage: 335 Vrms max @ sea level. Dielectric Withstanding Voltage: 500 Vrms min. R.F. HiPot Voltage: 325 Vrms min @ 5MHz. Corona Level: 125 Vrms @ 70,000 ft. Insulation Resistance: 5000 MegOhms min. Contact Resistance: Center Contact: 6.0 Milliohm max. Outer Contact: 2.0 Milliohm max.	Mating Characteristics: Interface per Mil-Std-348. Force To Engage & Disengage: Engage: Full detent: 10.0 lbs max Limited detent: 5.0 max Smooth bore/Catchers mitt: 2.0 lbs max Disengage: Full detent: 2.0 lbs min Limited detent: 1.5 lbs min Smooth bore/Catchers mitt: .50 lbs min Center Contact Retention: Axial Force: 1.5 pounds min. Radial Torque: NA Connector Durability: Depend on detent	Temperature Range: -65°C to +165°C. Thermal Shock: Mil-Std-202, Method 107, Test Cond. B. Moisture Resistance: Mil-Std-202, Method 106, except step 7b shall be omitted. Insulation resistance at least 1000 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 & Center Conductor: Gold plate per ASTM B-488, over nickel under plate per AMS-QQ-N-290.	WORK STD	PROD INST	ASSY INST	1. MACHINE FINISH: 32/ RMS 2. BREAK ALL SHARP EDGES AND RAG. 3. MACHINED SURFACES SHALL BE RESPONSIVE TO THE FINISH SPECIFIED AND SHALL BE FREE OF ALL DEFECTS. 4. MACHINED SURFACES SHALL BE RESPONSIVE TO THE FINISH SPECIFIED AND SHALL BE FREE OF ALL DEFECTS. 5. MACHINED SURFACES SHALL BE RESPONSIVE TO THE FINISH SPECIFIED AND SHALL BE FREE OF ALL DEFECTS. 6. MACHINED SURFACES SHALL BE RESPONSIVE TO THE FINISH SPECIFIED AND SHALL BE FREE OF ALL DEFECTS. 7. MACHINED SURFACES SHALL BE RESPONSIVE TO THE FINISH SPECIFIED AND SHALL BE FREE OF ALL DEFECTS. 8. MACHINED SURFACES SHALL BE RESPONSIVE TO THE FINISH SPECIFIED AND SHALL BE FREE OF ALL DEFECTS. 9. MACHINED SURFACES SHALL BE RESPONSIVE TO THE FINISH SPECIFIED AND SHALL BE FREE OF ALL DEFECTS. 10. MACHINED SURFACES SHALL BE RESPONSIVE TO THE FINISH SPECIFIED AND SHALL BE FREE OF ALL DEFECTS.	MATERIAL		SPECIFICATION	
	NA	NA	NA		CARLISLE International Technologies Cupertino, CA 95014			
					TITLE			
					SMP MALE STRAIGHT PCB SURFACE MOUNT			
	NOTICE		1. MACHINED SURFACES SHALL BE RESPONSIVE TO THE FINISH SPECIFIED AND SHALL BE FREE OF ALL DEFECTS. 2. BREAK ALL SHARP EDGES AND RAG. 3. MACHINED SURFACES SHALL BE RESPONSIVE TO THE FINISH SPECIFIED AND SHALL BE FREE OF ALL DEFECTS. 4. MACHINED SURFACES SHALL BE RESPONSIVE TO THE FINISH SPECIFIED AND SHALL BE FREE OF ALL DEFECTS. 5. MACHINED SURFACES SHALL BE RESPONSIVE TO THE FINISH SPECIFIED AND SHALL BE FREE OF ALL DEFECTS. 6. MACHINED SURFACES SHALL BE RESPONSIVE TO THE FINISH SPECIFIED AND SHALL BE FREE OF ALL DEFECTS. 7. MACHINED SURFACES SHALL BE RESPONSIVE TO THE FINISH SPECIFIED AND SHALL BE FREE OF ALL DEFECTS. 8. MACHINED SURFACES SHALL BE RESPONSIVE TO THE FINISH SPECIFIED AND SHALL BE FREE OF ALL DEFECTS. 9. MACHINED SURFACES SHALL BE RESPONSIVE TO THE FINISH SPECIFIED AND SHALL BE FREE OF ALL DEFECTS. 10. MACHINED SURFACES SHALL BE RESPONSIVE TO THE FINISH SPECIFIED AND SHALL BE FREE OF ALL DEFECTS.		APPROVAL INITIALS		DATE	
					DRAWN BY	DKN	08.10.88	
					CHECKED BY	PNAO	04.18.12	
					TEST ENGR			
					QUALITY			
					DESIGN ENGR	JCB	03.26.07	
					MFG ENGR			
					ECO APPROV	PNAO	04.19.12	
					SCALE		15:1	
					SYMBOLS AND ABBREVIATIONS		(DLF)	
					Sheet		1 of 2	
					SIZE		309990	
					DATE		04.19.12	
					REV		P797	

