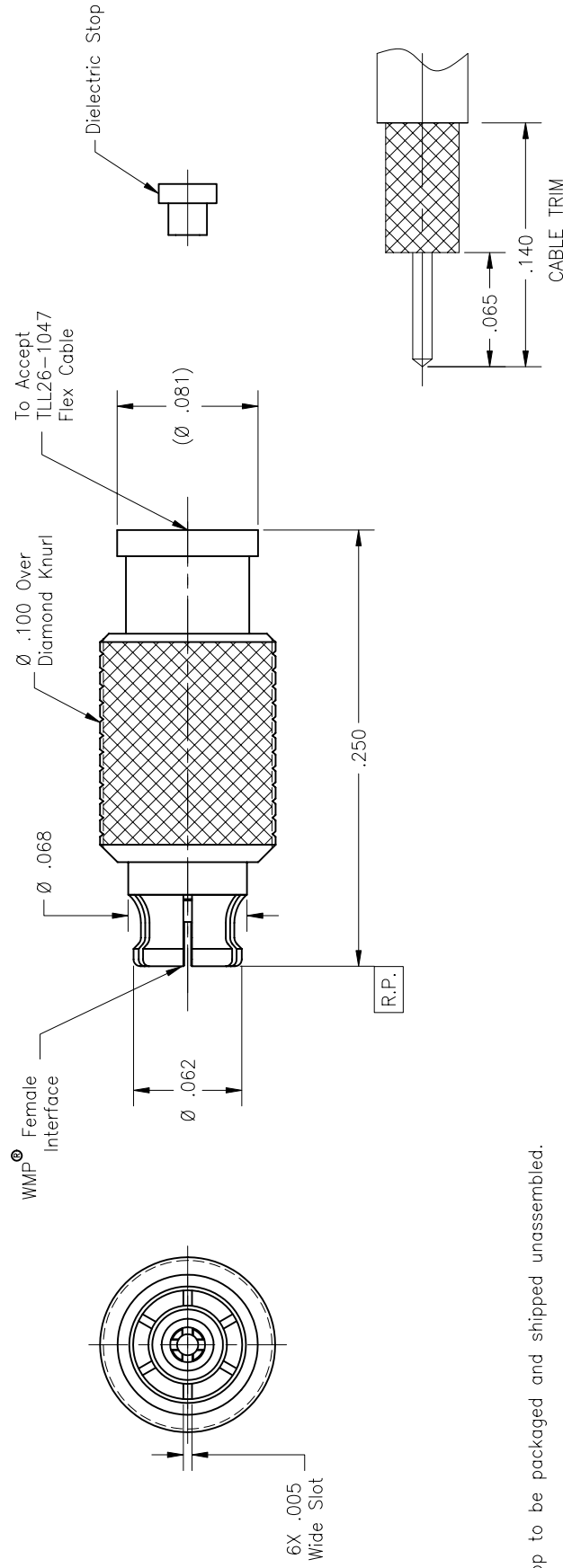


P/N -1CC	REVISIONS			
	ZONE	REV	DESCRIPTION	DATE
	-	-	PRELIMINARY RELEASE	02.26.10
	-	P2	CHANGE FREQ RANGE & VSWR	07.22.10
	-	-	Initial Release	3.15.11
				pcv



Note:
Dielectric Stop to be packaged and shipped unassembled.
WMP® is a registered trademark of Carlisle Interconnect Technologies.

MATERIAL(S):	ELECTRICAL:	MECHANICAL:	ENVIRONMENTAL:
Body & Center Conductor: BeCu alloy per ASTM B-196. Insulator: PTFE Teflon per ASTM D-1710. Dielectric: Torlon per Mil-P-46179.	Impedance: 50 Ohms nominal. Frequency Range: DC to 26.5 GHz. VSWR: $1.02 + .005 \times f(\text{GHz})$. Insertion Loss: $0.10\sqrt{f}(\text{GHz})$ dB. 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: 5,000 MegOhms min. Contact Resistance: Center Contact: 6.0 Milliohm max. Outer Contact: 2.0 Milliohm max. R.F. Leakage: -90 dB min.	Mating Characteristics: Interface per Carlisle WS134, modified Force To Engage & Disengage: Engage: Detent: 3.5 pounds max. Smooth Bore: 1.6 pounds max. Disengage: Detent: 6.0 pounds min. Smooth Bore: 2.5 pounds min. Center Contact Retention: NA Connector Durability: 100 cycles min for Detent. 500 cycles min for Smooth Bore.	Temperature Range: -65°C to $+165^{\circ}\text{C}$. 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 1,000 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(ES):										TOLERANCES AND NOTES EXCEPT AS NOTED										APPLICABLE CARLISLE IT DOCUMENTS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
Body And Center Conductor: Gold plated per ASTM B-488 over nickel underplate per SAE AMS-QQ-N-290.										1. MACHINE FINISH: ✓ RMS 2. BREAK ALL SHARP EDGES 300 MAX. 3. MACHINED FILLETS: .005 MAX. 4. MACHINED DIMENSIONS: ± .005 INCHES PER INCH 5. MACHINED DIMENSIONS: CONCENTRIC WITHIN .005 INCHES PER INCH 6. DIMENSIONS TO BE MET BEFORE PLATING 7. REMOVE ALL THREADS 45° 8. REMOVE TRAPPED EDGES ON TIEBOLTS 9. REMOVE TRAPPED EDGES ON TIEBOLTS										THIS DRAWING EMBODIES A CONFIDENTIAL PROPRIETARY DESIGN ORIGINATED BY CARLISLE INTERCONNECT TECHNOLOGIES AND ALL DESIGN, MANUFACTURING, REVISIONS, AND/OR MODIFICATIONS ARE THE PROPERTY OF CARLISLE INTERCONNECT TECHNOLOGIES. IT IS LIMITED UNDER A CONFIDENTIAL RELATIONSHIP FOR A SPECIFIED PURPOSE AND THE REPERMIT AGREES BY ACCEPTING THIS DRAWING TO MAINTAIN THE CONFIDENTIALITY OF THE DESIGN AND NOT TO REPRODUCE, DISSEMINATE, OR IN ANY MANNER DISCLOSE THE DESIGN OR ANY PART THEREOF TO ANY OTHER PERSON OR ENTITY WITHOUT THE WRITTEN CONSENT OF CARLISLE INTERCONNECT TECHNOLOGIES. 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