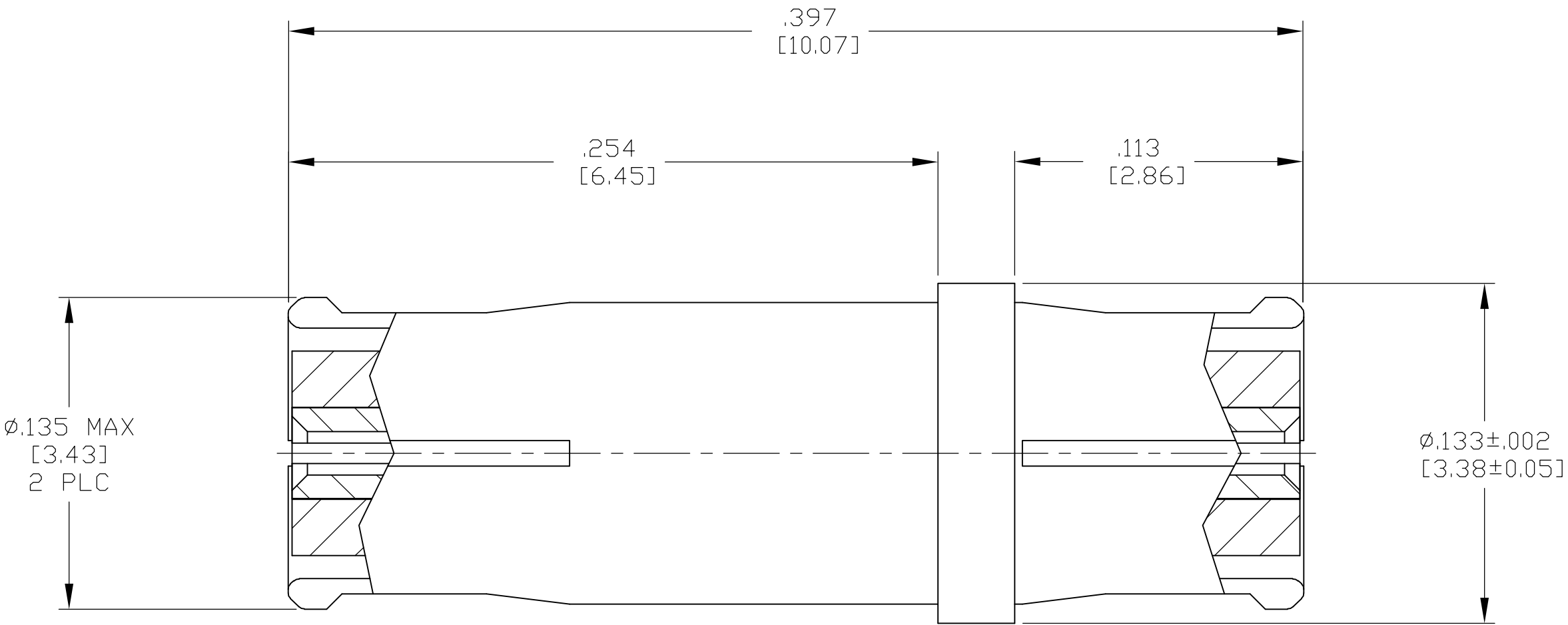


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OUTER CONTACT		BERYLLIUM COPPER PER ASTM-B196, ALLOY C17300, CONDITION H		GOLD PLATE PER ASTM-B-488		REVISIONS	
CENTER CONTACT							
DIELECTRIC		TFE FLUOROCARBON PER ASTM-D-1457		N/A			
COMPONENT		MATERIAL		FINISH			



1. SPECIFICATIONS SHOWN DERIVED FROM TESTING USING THIS ADAPTER AND A TEST FIXTURE AS SPECIFIED IN DSCC SPEC 94007. VSWR: DC-23GHz: 1.10:1 MAX; 23-26.5GHz: 1.15:1 MAX 26.5-40GHz: 1.7:1 MAX.
2. INTERFACE PER MIL-STD-348A, FIGURE 326-1; BOTH ENDS.
3. REF DSCC DRAWING NUMBER: 94007ZCG-2

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
NOMINAL IMPEDANCE (OHMS) <u>50 ±1</u>	Force to Engage (Lbs MAX) <u>10.0</u>	TEMPERATURE RATING <u>-65° TO +125°C</u>
Frequency Range (GHz) <u>DC to 40GHz</u>	Disengage (In Lbs MIN) <u>2.0</u>	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) <u>@ Sea Level 335</u>	Center Contact Retention (LBs MIN) <u>1.5</u>	Thermal Shock MIL-STD-202, Method 107, Condition B
VSWR <u>1</u>	RDIAL MISALIGNMENT: <u>±.020</u>	Corrosion - MIL-STD-202, Method 101, Condition B
RF Leakage (2-3GHz) <u>-80dB Min</u>	Axial Misalignment: <u>.000/.010</u>	Moisture Resistance: MIL-STS-202, Method 106.
Insertion Loss <u>.010</u> (F GHz dB MIN. <u>1</u>)	Durability: <u>100 cycles</u>	
Corona, 70,000 Ft (VRMS MIN) <u>190</u>		
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>500</u>		
Contact Resistance (Milliohms MAX) Center Contact(Mated Pair) <u>6.0</u>		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>325</u>		
I.R.(Megohms MIN) <u>5,000</u>		

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		CHK	B.MOYER	4-8-05	Electronics Harrisburg, Pa 17105-3608										
DIMENSIONS: INCHES [mm]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	B. MOYER	4-8-05	NAME								
				PRODUCT SPEC		JACK TO JACK ADAPTER,SMP									
				—											
				APPLICATION SPEC											
				—		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO						
MATERIAL		FINISH		WEIGHT		A2	00779	C=1757023	—						
SEE TABLE		SEE TABLE		CUSTOMER DRAWING				SCALE	20:1	SHEET	1	of	1	REV	0