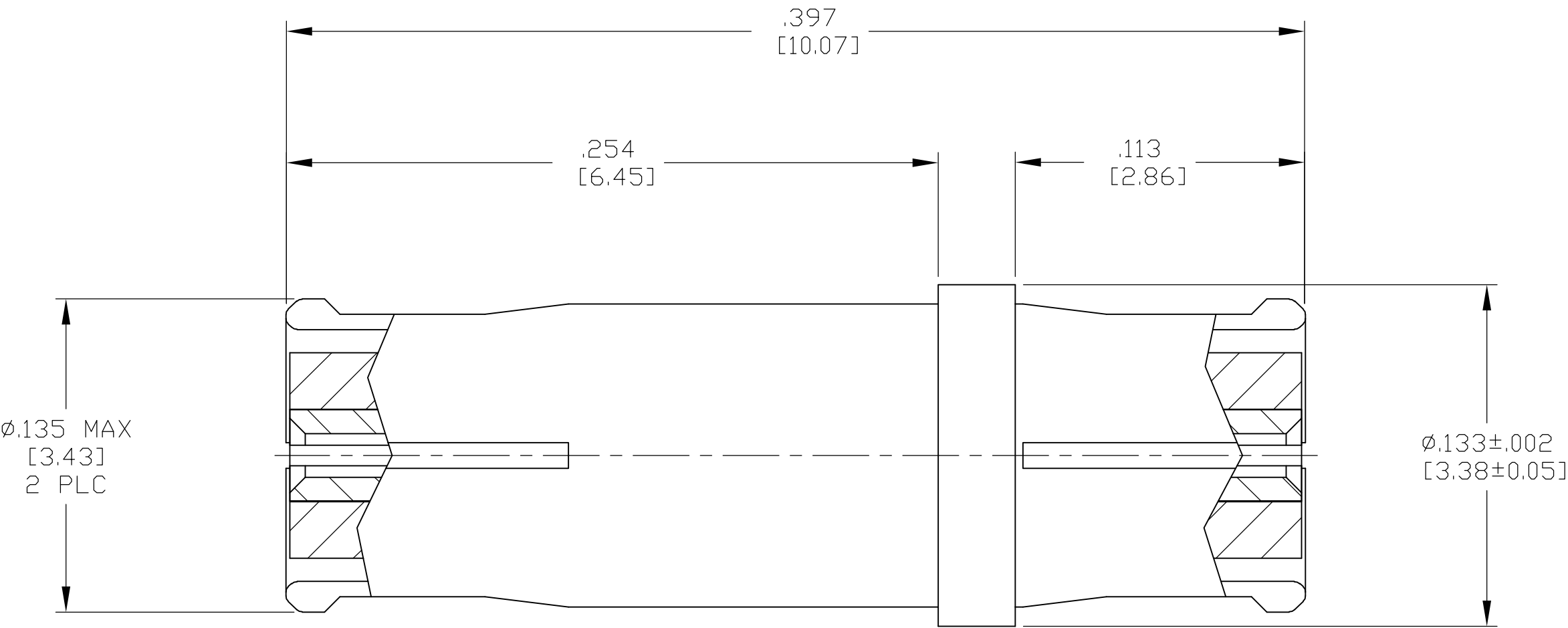


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OUTER CONTACT		BERYLLIUM COPPER PER		P		LTR	
CENTER CONTACT		ASTM-B196, ALLOY		O		RELEASED	
		C17300, CONDITION H		DATE		DWN	
DIELECTRIC		TFE FLUOROCARBON		4-8-05		CT	
		PER ASTM-D-1457		APVD		BM	
COMPONENT		MATERIAL					
		FINISH					



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
Volt Rating (VRMS MAX)	Center Contact Retention (LBs MIN) <u>1.5</u>	204, Condition D
@ Sea Level <u>335</u>	RDIAL MISALIGNMENT: <u>±.020</u>	Thermal Shock MIL-STD-202,
VSWR <u>1</u>	Axial Misalignment: <u>.000/.010</u>	Method 107, Condition B
RF Leakage (2-3GHz) <u>-80dB Min</u>	Durability: <u>100 cycles</u>	Corrosion - MIL-STD-202, Method
Insertion Loss <u>.010</u> [F GHz dB MIN. <u>1</u>		101, Condition B
Corona, 70,000 Ft (VRMS MIN) <u>190</u>		Moisture Resistance: MIL-STS-202,
Dielectric Withstanding Voltage		Method 106.
(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>		

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C.C.THOMAS 4-7-05		tyco Electronics Tyco Electronics Corporation Harrisburg, Pa 17105-3608			
DIMENSIONS: INCHES [mm]		CHK B.MOYER 4-8-05					
	TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD B. MOYER 4-8-05		NAME JACK TO JACK ADAPTER,SMP		
	0 PLC ± -		PRODUCT SPEC				
	1 PLC ± -		—				
	2 PLC ± -		APPLICATION SPEC				
	3 PLC ± .001 [0.03]		—		SIZE A2		
	4 PLC ± -		—			CAGE CODE 00779	
	ANGLES ± -		—				DRAWING NO C=1757023
	FINISH		—				
MATERIAL SEE TABLE		WEIGHT —		CUSTOMER DRAWING			
SEE TABLE		SCALE 20:1		SHEET 1 of 1			
				REV 0			