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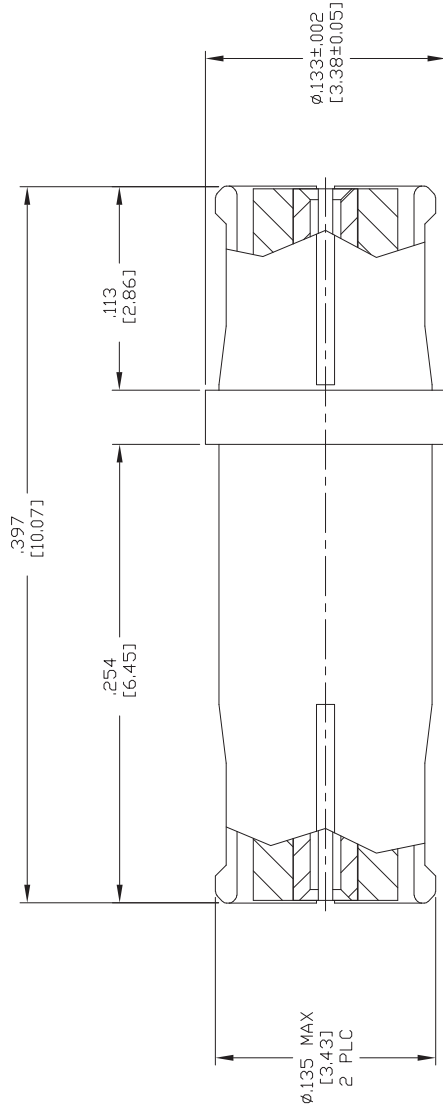
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OUTER CONTACT CENTER CONTACT		BERYLLIUM COPPER PER ASTM-B196, ALLOY C17300, CONDITION H		GOLD PLATE PER ASTM-B-488			
DIELECTRIC		TFE FLUOROCARBON PER ASTM-D-1457		N/A			
COMPONENT		MATERIAL		FINISH			

LOC	DIST	REVISONS	
DF	XO	DESCRIPTION	DATE
P	UNK		4-8-05
O	RELEASED		CT
BM			BM

D	
C	
B	
A	



1. SPECIFICATIONS SHOWN DERIVED FROM TESTING USING THIS ADAPTER AND A TEST FIXTURE AS SPECIFIED IN DSCC SPEC 94007, VSWR: DC-23GHz:110:1 MAX; 23-26.5GHz: 115:1 MAX 26.5-40GHz: 1.7:1 MAX.
2. INTERFACE PER MIL-STD-348A, FIGURE 326-1J, BOTH ENDS.
3. REF DSCC DRAWING NUMBER: 94007ZCG-2

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

1757023-1
PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN	4-7-05	Tyco Electronics Corporation Harrisburg, Pa 17105-3608	
DRAWN BY: C.C. THOMAS		APP'D BY: B. MOYER	4-8-05	NAME	
DIMENSIONS:		TOLERANCES UNLESS SPECIFIED:		APPLICATION SPEC	
INCHES (mm)		FRACTIONS		WEIGHT	
1/8 PLC ±		1/8 PLC ±		A2	
1/16 PLC ±		1/16 PLC ±		00779	
1/32 PLC ±		1/32 PLC ±		DRAWING NO	
1/64 PLC ±		1/64 PLC ±		RESTRICTED TO	
FINISH		ANGLES		20:1	
MATERIAL		SEE TABLE		SHEET 1 OF 1	
CUSTOMER DRAWING		SCALE		REV O	