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DESIGNED FOR USE WITH
 .141 DIA SEMI-RIGID CABLE
 CABLE ENTRY DIAMETER
 MINIMUM

HOUSING	.145 [3.68]
CONTACT	.037 [0.94]

REVISIONS				
P	LTR	DESCRIPTION	DATE	APVD
B		REV PER ECO 18-010810	31DEC08	CT PR

.125±.003 [3.1±0.07]
 .065 [1.7]
 .020 MIN [0.5] RADIAL FLOAT
 .060 MIN AXIAL FLOAT [1.52]
 .710 [18.0]
 φ.372 [9.5]
 φ.180 [4.6]

φ.106 [2.69]
 .101 [2.56] 2 PLC
 .560 [14.2]
 φ.750 [19.1]
 .375 [9.5]

+0.002
 -0.001
 .377 DIA
 9.6
 ±.004
 .560 [14.2]
 .086-56 UNC-2B
 .280 [7.1]
 RECOMMENDED MOUNTING

1. CAPTURED CENTER CONTACT

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A, FIG 321-2	TEMPERATURE RATING -65° TO +125°C
Frequency Range (GHz) DC to 18	Mating Characteristics:	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level 335	Insertion (MAX Lbs) 3	Shock MIL-STD-202, Method 213, Condition I
VSWR 1.05+0.05f(GHz) DC to 18 GHz	Withdrawal (MIN Oz) 1	Thermal Shock MIL-STD-202, Method 107, Condition B
Insertion Loss (dB MAX) .03x√f(GHz)	Force to Engage (In-Lbs MAX) 3	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) (Interface Only, Fully Mated) -(90-f(GHz))	& Disengage (In-Lbs MAX) 1.5	Corrosion - MIL-STD-202, Method 101, Condition B, 5% Salt Spray
Corona, 70,000 Ft (VRMS MIN) 335	Center Contact Captivation	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 1000	Axial (Lbs) 6	
Contact Resistance (Milliohms MAX)	Cable Retention	
Center Contact 2.0	Axial Force (Lbs MIN) 30	
Outer Contact 2.0	Torque (In-Oz MIN) 16	
Cable to Housing 0.5	Weight (Grams) 5.4	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 670		
I.R.(Megohms MIN) 5000		

COMPONENT	MATERIAL	FINISH
INNER HOUSING BUSHING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER MIL-G-45204 OVER NICKEL PLATE PER QQ-N-290
OUTER HOUSING SPRING WASHER	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER ASTM-A380
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT CONTACT SLEEVE	BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550
CONTACT RING RETAINING RING SPRING WASHER	BERYLLIUM COPPER PER ASTM B 194, ALLOY C17200, CONDITION H	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550
COMP. SPRING	STAINLESS STEEL	PASSIVATE PER QQ-P-35

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN P. YEAGER 30DEC08																		
DIMENSIONS: INCHES		CHK W. MOYER 30DEC08																		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD W. MOYER 30DEC08																		
<table border="1"> <tr> <td>0 PLC</td> <td>±</td> <td>-</td> </tr> <tr> <td>1 PLC</td> <td>±</td> <td>-</td> </tr> <tr> <td>2 PLC</td> <td>±</td> <td>-</td> </tr> <tr> <td>3 PLC</td> <td>±</td> <td>.005</td> </tr> <tr> <td>4 PLC</td> <td>±</td> <td>-</td> </tr> <tr> <td>ANGLES</td> <td>±</td> <td>1°</td> </tr> </table>		0 PLC		±	-	1 PLC	±	-	2 PLC	±	-	3 PLC	±	.005	4 PLC	±	-	ANGLES	±	1°
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4 PLC	±	-																		
ANGLES	±	1°																		
MATERIAL SEE TABLE	FINISH SEE TABLE	APPLICATION SPEC	NAME																	
CUSTOMER DRAWING		WEIGHT 0.000000	SIZE A2																	
		SCALE 6:1	CAGE CODE 00779																	
		SHEET 1 of 1	DRAWING NO C=1059424																	
		REV B	RESTRICTED TO																	

1471-9 (1/15)

1059424

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