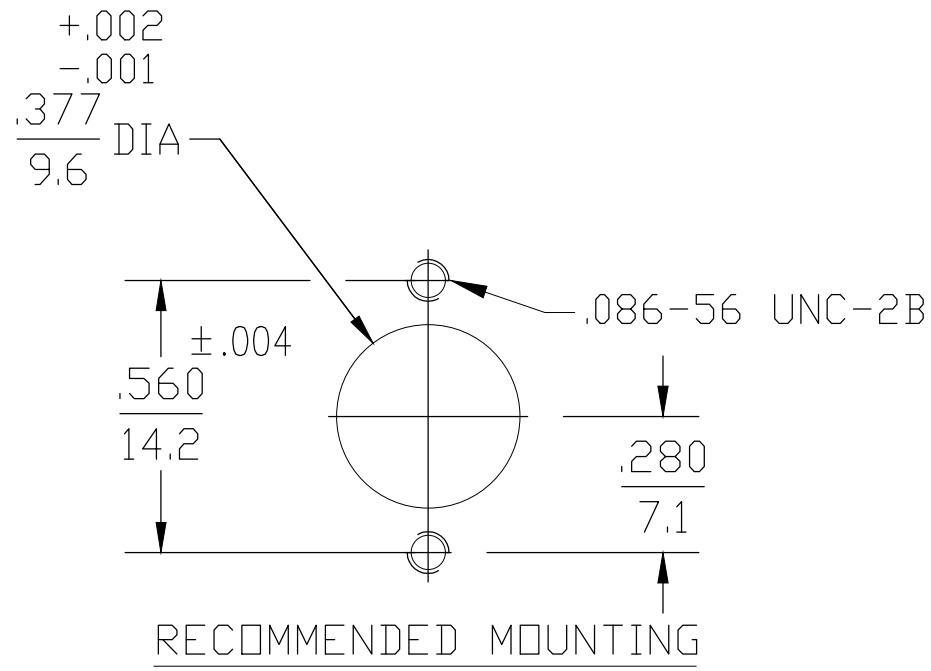
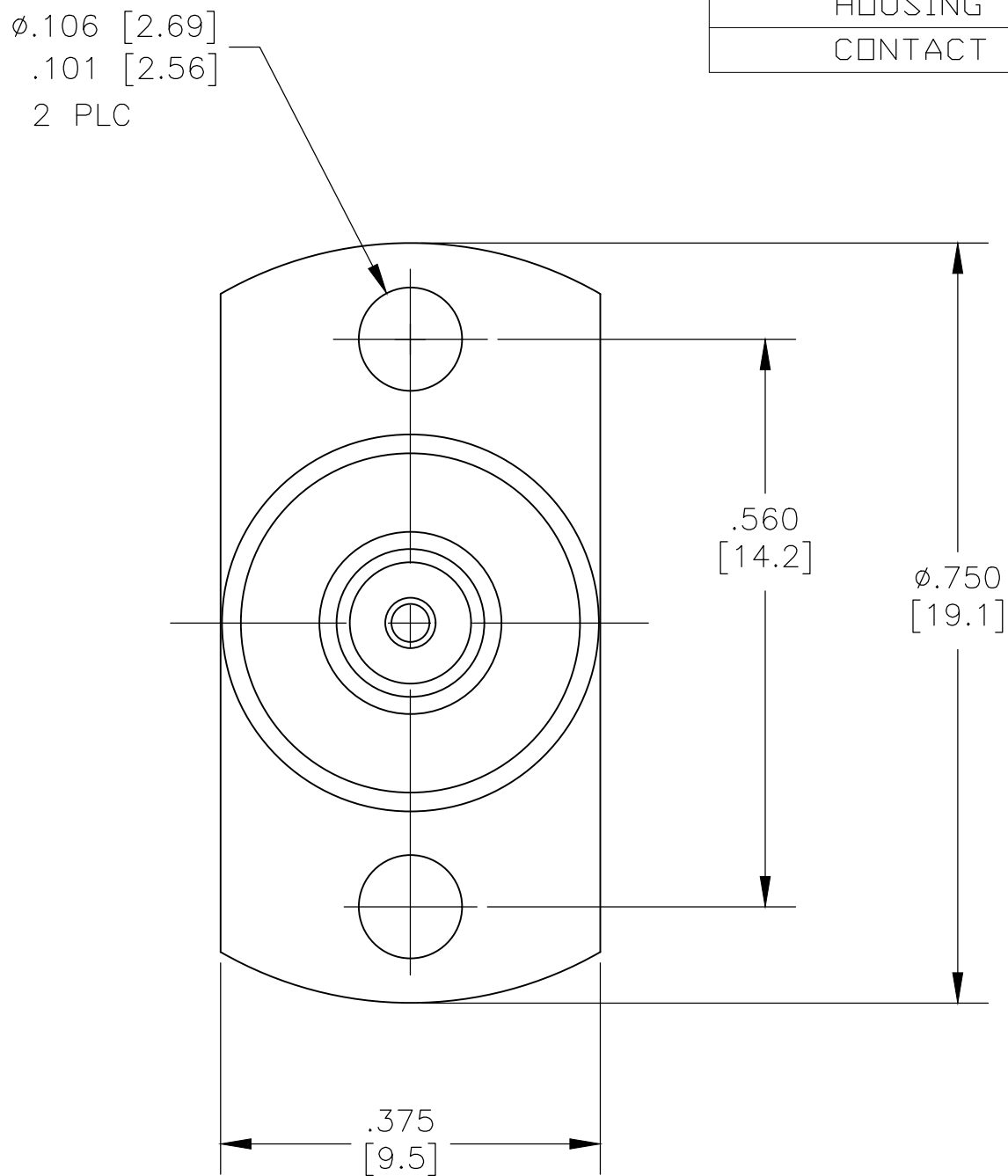
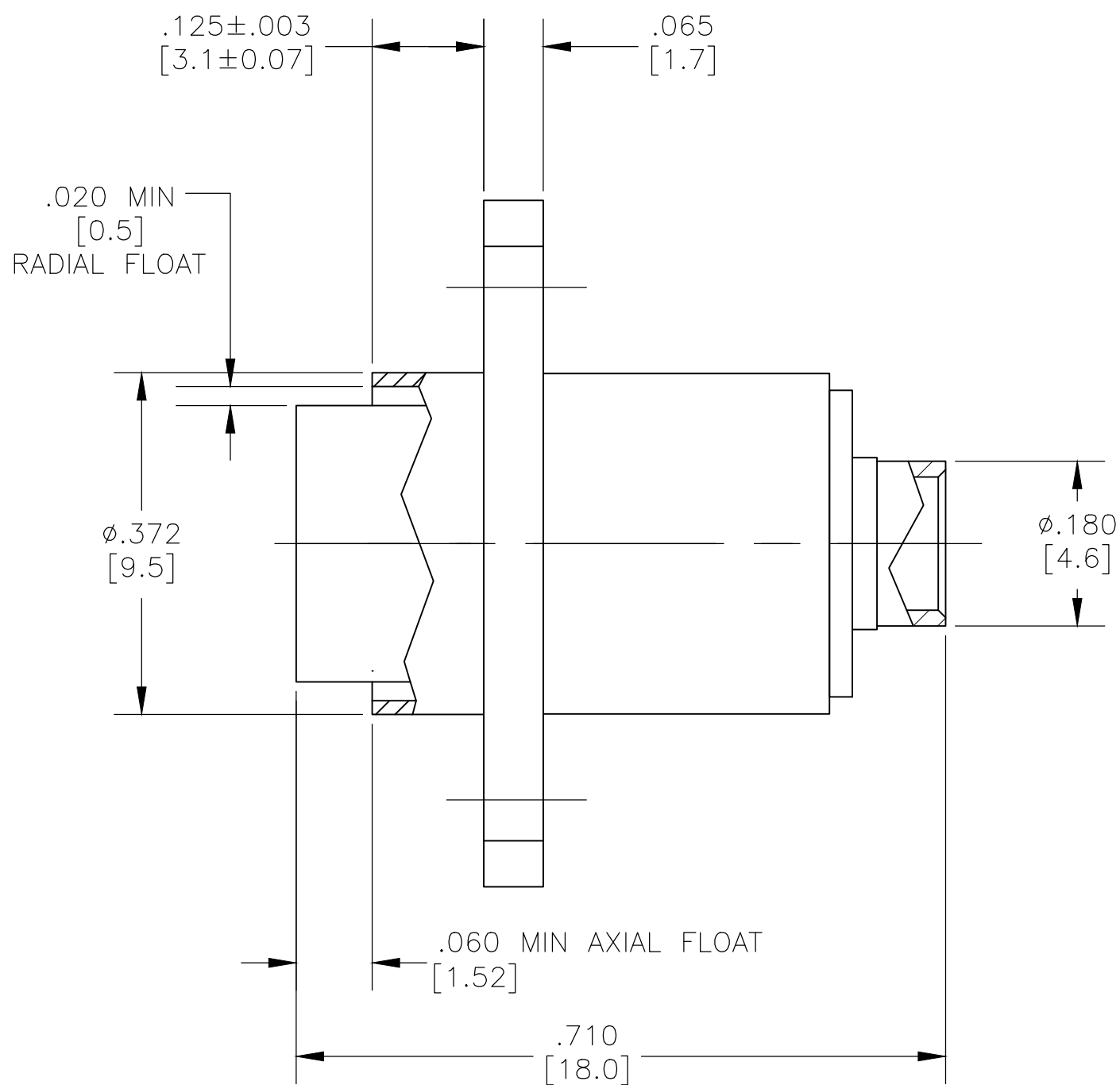


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DESIGNED FOR USE WITH .141 DIA SEMI-RIGID CABLE	
CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.145 [3.68]
CONTACT	.037 [0.94]

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



1. CAPTURED CENTER CONTACT

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ωhms) 50	Interface Dimensions	TEMPERATURE RATING -65° TO +125°C
Frequency Range (GHz) DC to 18	MIL-STD-348A, FIG 321-2	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level 335	Mating Characteristics:	Shock MIL-STD-202, Method 213, Condition I
VSWR 1.05+.005f(GHz) DC to 18 GHz	Insertion (MAX Lbs) 3	Thermal Shock MIL-STD-202, Method 107, Condition B
Insertion Loss (dB MAX) .03x √f(GHz)	Withdrawal (MIN Oz) 1	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) (Interface Only, Fully Mated) -(90-f(GHz))	Force to Engage (In-Lbs MAX) 3	Corrosion - MIL-STD-202, Method 101, Condition B, 5% Salt Spray
Corona, 70,000 Ft (VRMS MIN) 335	& Disengage (In-Lbs MAX) 1.5	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 1000	Center Contact Captivation	
Contact Resistance (Milliohms MAX)	Axial (Lbs) 6	
Center Contact 2.0	Cable Retention	
Outer Contact 2.0	Axial Force (Lbs MIN) 30	
Cable to Housing 0.5	Torque (In-Oz MIN) 16	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 670	Weight (Grams) 5.4	
I.R.(Megohms MIN) 5000		

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
COMPONENT	MATERIAL	FINISH

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN P. YEAGER 30DEC08		 TE Connectivity	
		CHK W. MOYER 30DEC08			
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME OSP FLOATING FLANGE MOUNT CABLE JACK, DIRECT SOLDER ATTACHMENT —	
		APVD W. MOYER 30DEC08			
0 PLC ± — 1 PLC ± — 2 PLC ± — 3 PLC ± .005 4 PLC ± — ANGLES ± 1°		PRODUCT SPEC — APPLICATION SPEC —			
MATERIAL SEE TABLE		FINISH SEE TABLE			
		WEIGHT 0.000000		SIZE A2	
		CAGE CODE 00779		DRAWING NO C=1059424	
		CUSTOMER DRAWING		RESTRICTED TO —	
		SCALE 6:1		SHEET 1 of 1	
		REV B			