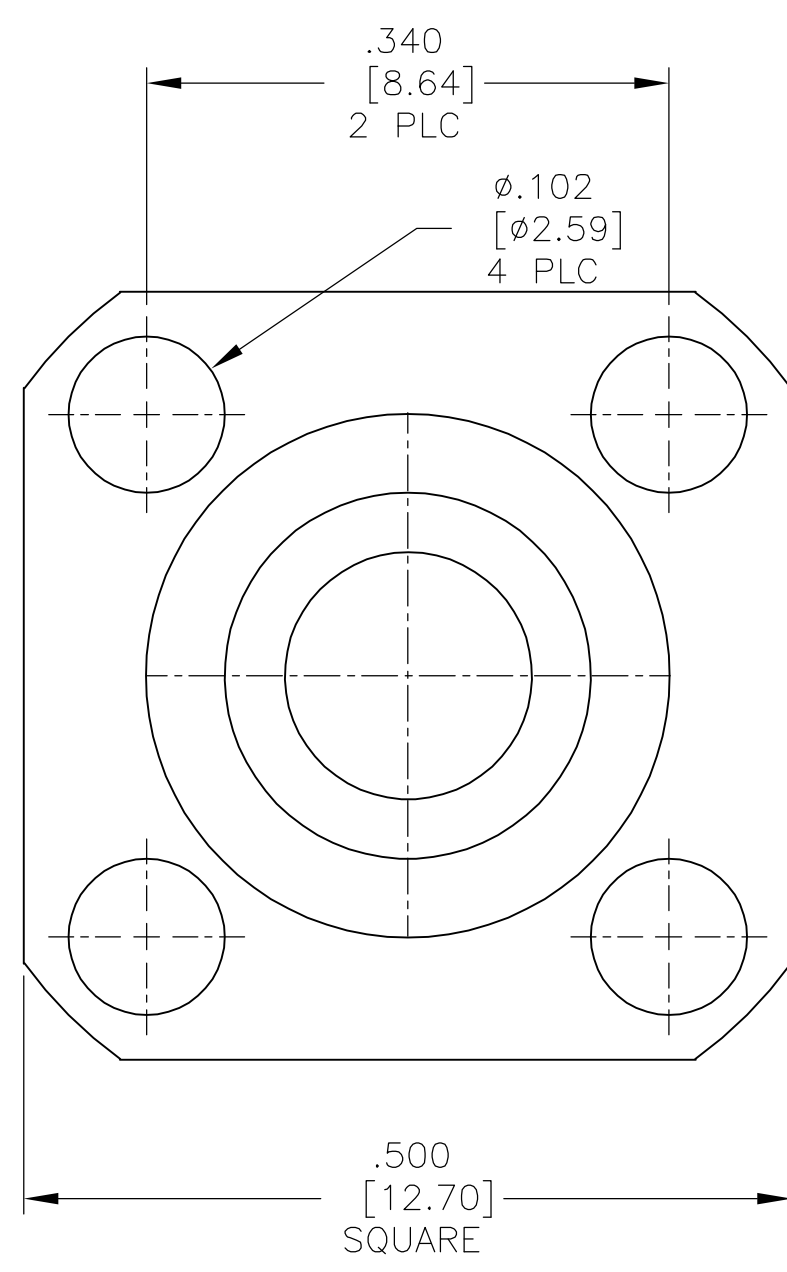
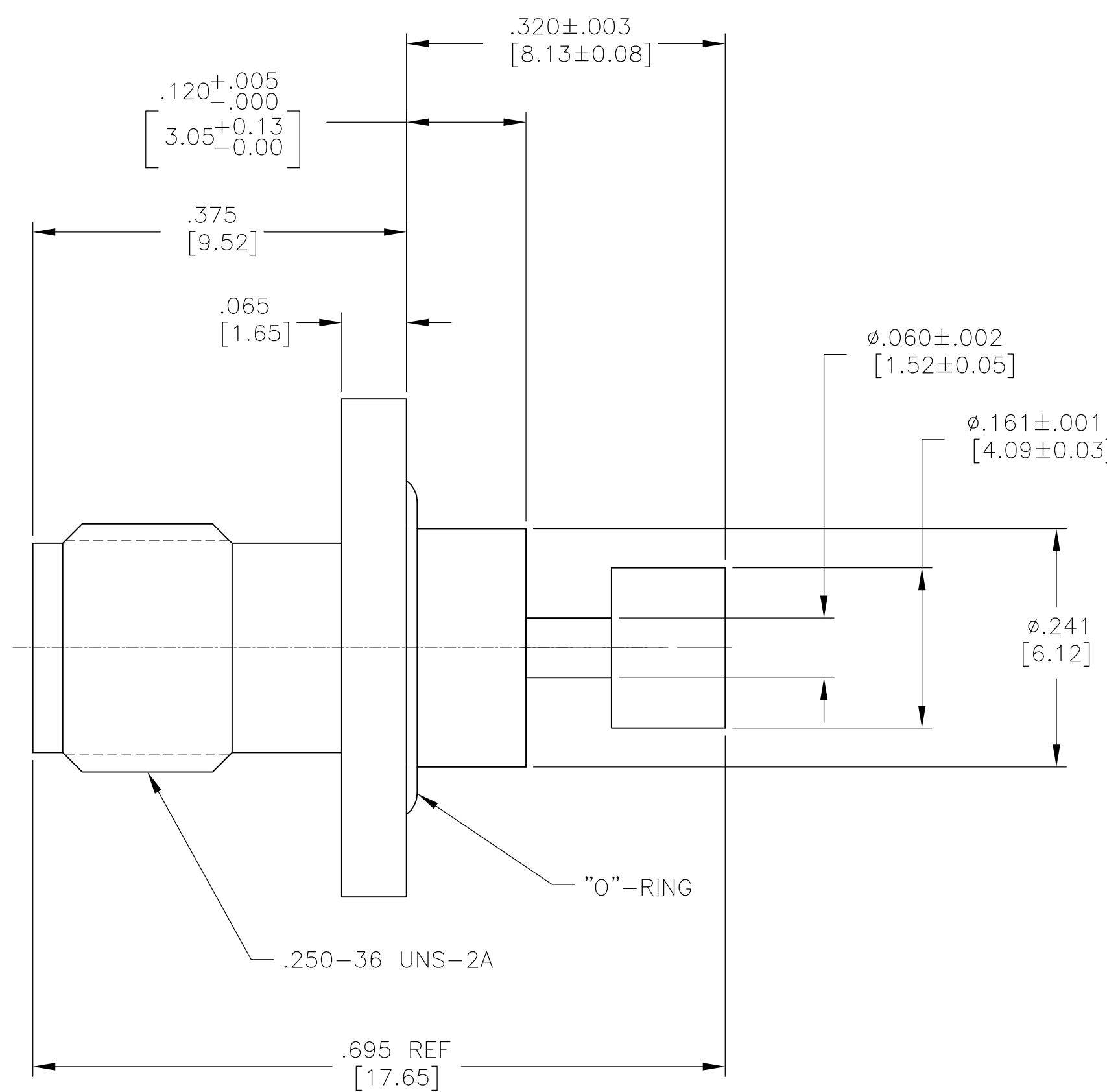


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LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION		DATE	DWN	APVD	
	0	RELEASED		2-3-05	CT	RG	

COMPONENT	MATERIAL	FINISH
HOUSING	STAINLESS STEEL PER ASTM-A-484 OR ASTM-A-582 TYPE 303	GOLD PLATED PER ASTM-B-488
DIELECTRIC	PTFE FLUORCARBON PER ASTM-D-1457	-
CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197 ALLOY C17300, CONDITION H	GOLD PLATED PER ASTM-B-488
HERMETIC SEAL	GLASS BEAD	-
CONTACT EXTENSION	BRASS PER ASTM-B-16 HALF HARD	GOLD PLATED PER ASTM-B-488
"O"-RING	ETHYLENE PROPLENE PER ASTM-D2000-70	-



ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348A, Fig. 310-2	TEMPERATURE RATING <u>-65 TO +165°C</u>
Frequency Range (GHz) DC to <u>12.0</u>	Recommended Mating Torque <u>7-10 IN-LBS</u>	Vibration MIL-STD-202, Method 204, Condition B
Volt Rating (VRMS MAX) @ Sea Level <u>335</u>	Mating Characteristics: Insertion (MAX Lbs) <u>3.0</u>	Shock MIL-STD-202, Method 213, Condition - Acceleration 200G
VSWR <u>1.05 +.005f(GHz)</u> @ Dc TO 12 GHz	Withdrawal (MIN Oz) <u>1.0</u>	Thermal Shock MIL-STD-202, Method 107, Condition B,
Insertion Loss (dB MAX) <u>N/A</u>	Force to Engage and Disengage (In-Lbs MAX) <u>10.0</u>	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) <u>N/A</u>	Center Contact Captivation Axial (Lbs) <u>6.0</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) <u>250</u>	Cable Retention TBD Axial Force (Lbs) <u>N/A</u>	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1,000</u>	Torque (In-Oz) <u>N/A</u>	
Contact Resistance (Milliohms MAX) Center Contact <u>2.0</u>	Weight (Grams) <u>TBD</u>	
Outer Contact <u>1.0</u>		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>670</u>		
I.R.(Megohms MIN) <u>10,000</u>		

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES [mm]	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DWN C.C.THOMAS 2-3-05	Tyco Electronics Corporation Harrisburg, Pa 17105-3608
	0 PLC ± -	CHK R.GROSS 2-4-05	
	1 PLC ± -	APVD R.GROSS 2-4-05	
	2 PLC ± -	PRODUCT SPEC	
	3 PLC ± .005 [0.13]	NAME	SMA HERMETICALLY SEALED MICROSTRIP TRANSITION
	4 PLC ± -	APPLICATION SPEC	
	ANGLES ± -	FINISH	SIZE A2 CAGE CODE 00779 DRAWING NO. 1757141 RESTRICTED TO -
MATERIAL SEE TABLE	FINISH SEE TABLE	WEIGHT TBD	SCALE 8:1 SHEET 1 OF 1 REV 0

CUSTOMER DRAWING