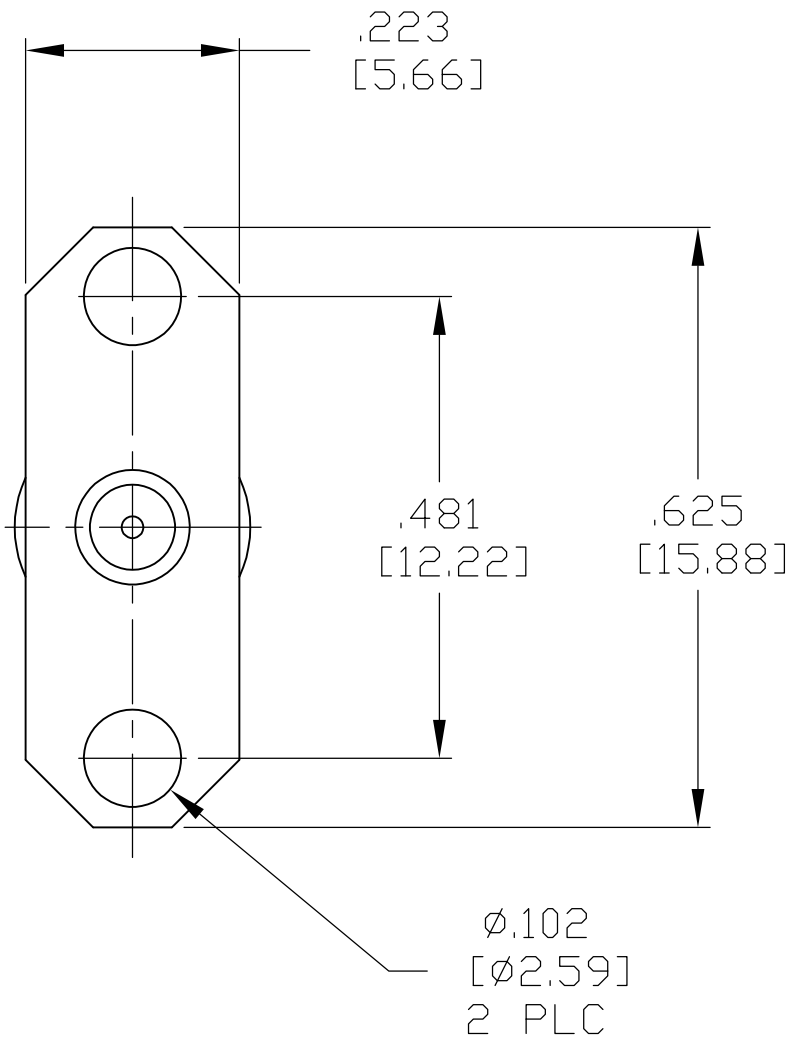
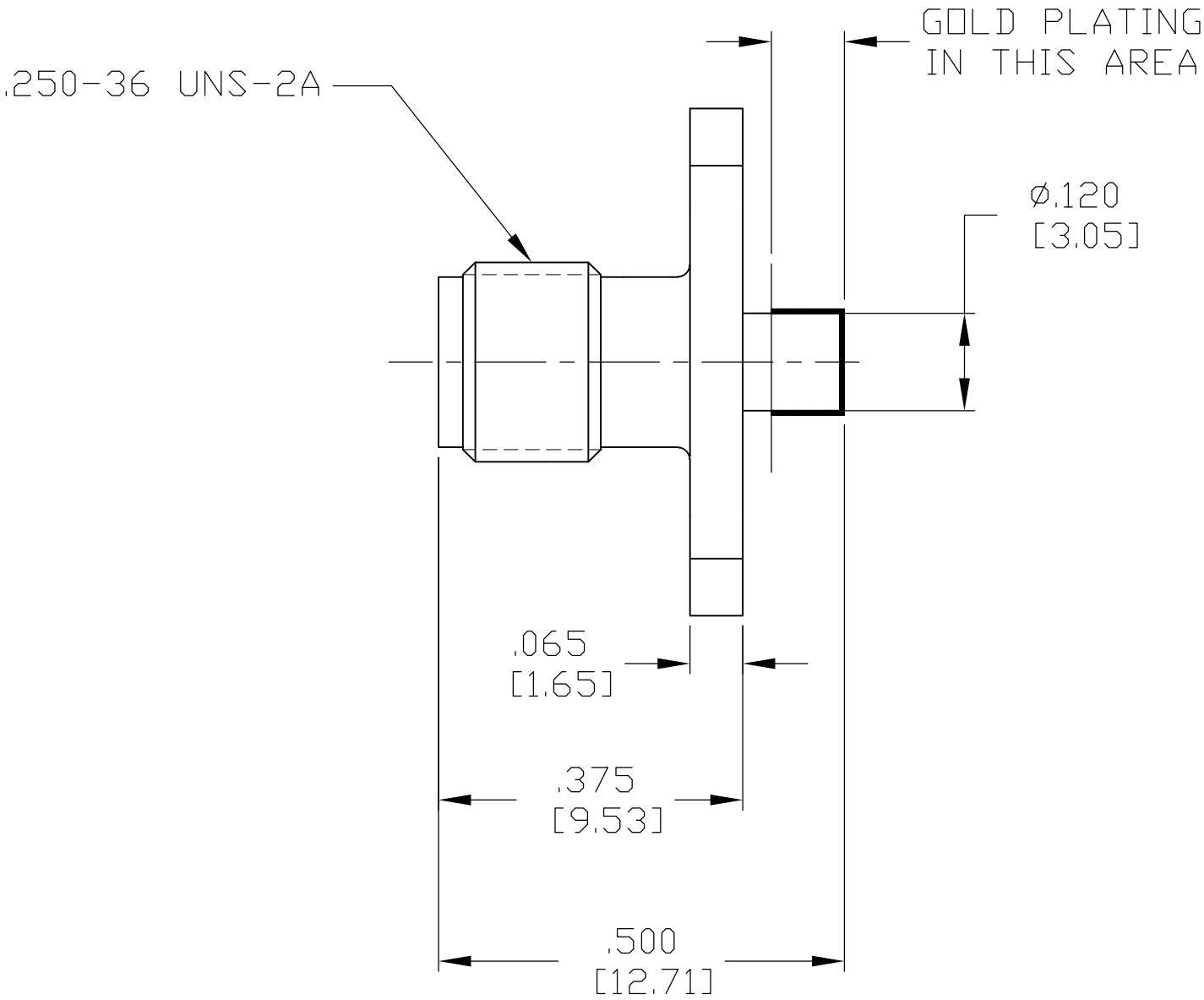


LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
—	—		A	RELEASED PER ECO 08-032051	1-7-08	CT	DW

1. PARTS SHIPPED UNASSEMBLED
2. WAS M/A COM P/N 2006-5010-24.



ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A, Fig. 310.2	TEMPERATURE RATING 65°C TO +165°C
Frequency Range (GHz) DC to 18	Recommended Mating Torque 7-10 InLbs	Vibration MIL-STD-202, Method 204, Condition B.
Volt Rating (VRMS MAX) @ Sea Level 500	Mating Characteristics: Insertion (MAX Lbs) 3.0	Shock MIL-STD-202, Method 213, Condition B.
VSWR 1.07+.008 f(GHz)	Withdrawal (MIN Oz) 1.0	Thermal Shock MIL-STD-202, Method 107, Condition B,
Insertion Loss (dB MAX) .03 √f(GHz)	Force to Engage and Disengage (In-Lbs MAX) 2.0	EXCEPT HIGH TEMP 85°C
RF Leakage (dB MIN) -90dB fGHz	Center Contact Captivation	Moisture Resistance MIL-STD-202, Method 106
Corona, 70,000 Ft (VRMS MIN) 250	Axial (Lbs) N/A	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 1,000	Radial (In-Oz) N/A	
Contact Resistance (Milliohms MAX) Center Contact 3.0	Cable Retention	
Outer Contact 2.0	Axial Force (Lbs MIN) 30	
Cable to Housing .05	Torque (In-Oz) 16	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 670	Weight (Grams) TBD	
I.R.(Megohms MIN) 10,000		

HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER QQ-P-35 EXCEPT GOLD PLATE PER MIL-G-45204 WHERE SHOWN
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204
COMPONENT	MATERIAL	FINISH

1996903-1

PART NUMBER

DESIGNED FOR USE WITH .085 SR CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.088 [2.23]
CONTACT	.021 [0.53]

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C.C.THOMAS 1-7-08	Tyco Electronics Tyco Electronics Corporation Harrisburg, PA 17105-3608			
DIMENSIONS: INCHES [mm]		CHK D.WILSON 1-8-08				
		APVD D.WILSON 1-8-08	NAME SMA 2 HOLE FLANGE STRAIGHT MOUNT CABLE JACK,DIRECT SOLDER ATTACHMENT			
		PRODUCT SPEC				
		APPLICATION SPEC				
MATERIAL SEE TABLE		408-4833	SIZE A2	CAGE CODE 00779	DRAWING NO C=1996903	RESTRICTED TO
		WEIGHT —				
		FINISH SEE TABLE	CUSTOMER DRAWING			
			SCALE 5:1	SHEET 1 of 1	REV A	