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N/A , N/A ,

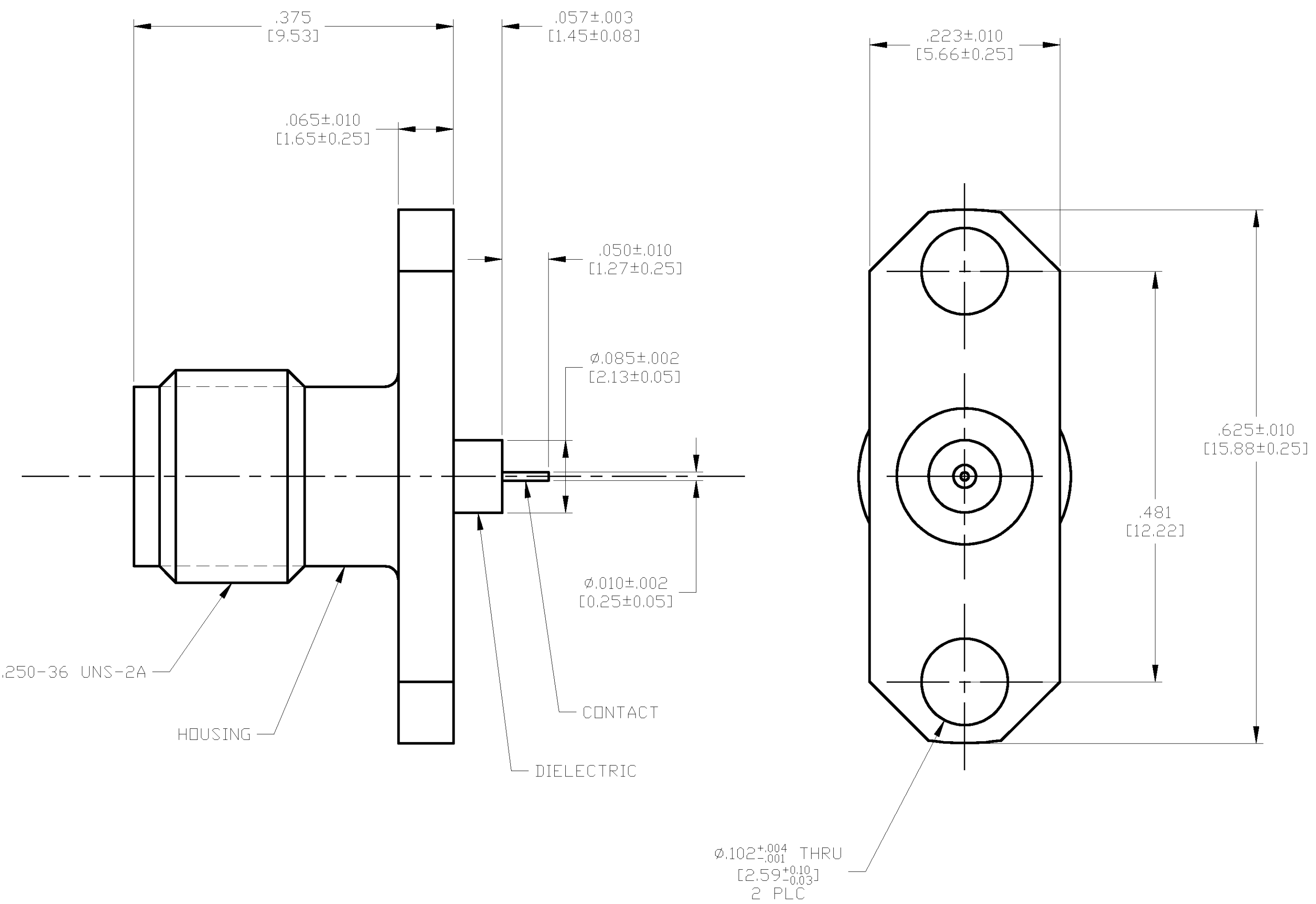
COMPONENT	MATERIAL	FINISH
HOUSING	STAINLESS STEEL PER ASTM-A-484 OR ASTM-A-582 TYPE 303	PASSIVATED PER ASTM-A-380
DIELECTRIC	PTFE FLUORCARBON PER ASTM-D-1457	
CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B-194 ALLOY C17200, CONDITION H	GOLD PLATED PER ASTM-B-488

ENVIRONMENTAL
TEMPERATURE RATING: -65°C TO +105°C
VIBRATION: N/A
SHOCK: N/A
MOISTURE RESISTANCE: MIL-STD-202, METHOD 106
CORROSION: MIL-STD-202, METHOD 101, CONDITION B. 5% SALT SPRAY
THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION A

MECHANICAL
INTERFACE DIMENSIONS: MIL-STD-348A FIG. 310.2
RECOMMENDED MATING TORQUE: 7-10 IN-LBS
FORCE TO ENGAGE & DISENGAGE (IN-LBS MAX): 2.0
WEIGHT (GRAMS): TBD
MATING CHARACTERISTICS:
INSERTION (MAX LBS): 3
WITHDRAWAL (MIN OZ): 1
CABLE RETENTION:
AXIAL FORCE (LBS): N/A
TORQUE (IN-OZ): N/A
CENTER CONTACT CAPTIVATION:
AXIAL (LBS): 6.0 MIN
RADIAL (IN-OZ): 4.0 MIN

ELECTRICAL
NORMAL IMPEDANCE (OHMS): 50
FREQUENCY RANGE (GHz): DC TO 18
VOLT RATING @ SEA LEVEL (VRMS MAX): 335
VSWR: 1.08+.005f(GHz)
INSERTION LOSS: (dB MAX): N/A
RF LEAKAGE (dB MIN): N/A
CORONA 70,000 FT (VRMS MIN): 250
DIELECTRIC WITHSTANDING VOLTAGE (VRMS MIN) AT SEA LEVEL: 1000
I.R. (MEGOHMS MIN): 5,000
RF HIGH POTENTIAL AT SEA LEVEL (VRMS MIN @ 5 MHz): 670
CONTACT RESISTANCE (MILLIOHMS MAX):
CENTER CONTACT: 3.0
OUTER CONTACT: 2.0
CABLE TO HOUSING: N/A

LOC	DIST	REVISIONS				
DF	X0	P	LTR	DESCRIPTION	DATE	DWN
			O	RELEASED	11-02	JMK
						JL



1052950

1052950-1
PART NO.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
INCHES [mm]

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC	±	-
1 PLC	±	-
2 PLC	±	-
3 PLC	±	.005 [0.13]
4 PLC	±	-
ANGLES	±	-

MATERIAL

SEE TABLE

FINISH

SEE TABLE

DWN
J. KAISER
10/14/02

CHK
J.LIPPERT
11-20-02

APVD
J.LIPPERT
11-20-02

PRODUCT SPEC

APPLICATION SPEC

WEIGHT
TBD

CUSTOMER DRAWING

tyco
Electronics

Tyco Electronics Corporation
Harrisburg, PA 17105

NAME
SMA TWO HOLE FLANGE MOUNT JACK-
STRAIGHT TERMINAL (M83517/4-31001)

SIZE
A2

CAGE CODE
00779

DRAWING NO
1052950

RESTRICTED TO
-

SCALE
10:1

SHEET
1

OF
1

REV
0