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LOC	DIST
DF	XO

REVISIONS

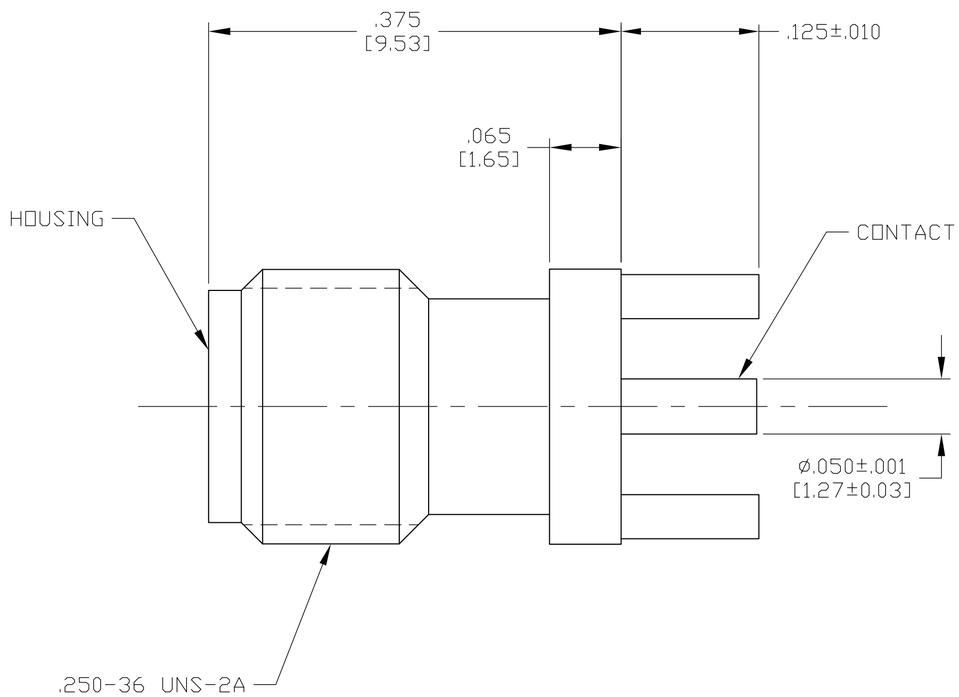
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	REV PER ECO 05-1266	4-20-05	CT	FB

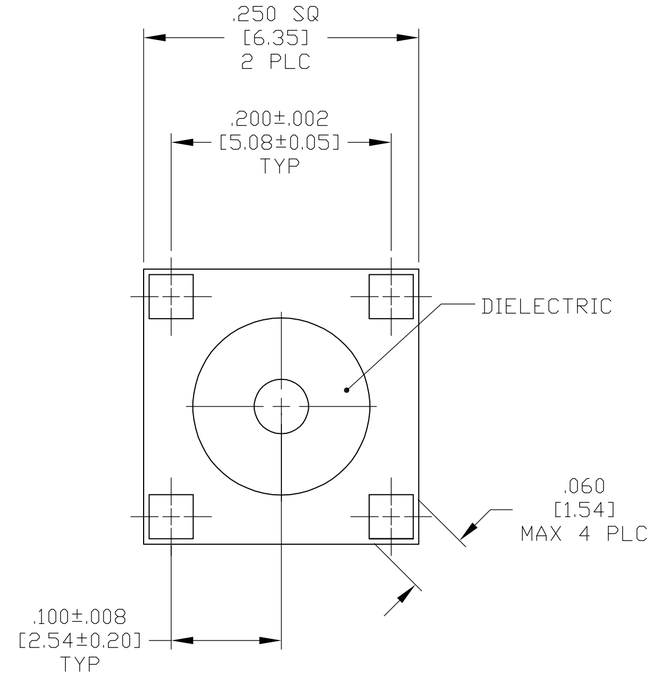
COMPONENT	MATERIAL	FINISH
HOUSING	STAINLESS STEEL PER ASTM-A-484 OR ASTM-A-582 TYPE 303	GOLD PLATED PER ASTM-B-488
DIELECTRIC	PTFE FLUORCARBON PER ASTM-D-1457	—
—	—	—
CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B-194 ALLOY C17200, CONDITION H	GOLD PLATED PER ASTM-B-488
—	—	—
—	—	—
—	—	—
—	—	—

ENVIRONMENTAL
TEMPERATURE RATING: -65°C TO +105°C
VIBRATION: MIL-STD-202, METHOD 204, CONDITION D
SHOCK: MIL-STD-202, METHOD 213, CONDITION 1
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 B EXCEPT HIGH TEMP 125°C

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):	2
	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		
FREQUENCE RANGE (GHz): DC TO 18		
VOLT RATING @ SEA LEVEL (VRMS MAX): 335		
VSWR: N/A		
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





1053374

1053374-1

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	10/10/02
CHK	J.LIPPERT	11-20-02
APVD	J.LIPPERT	11-20-02
PRODUCT SPEC	—	
APPLICATION SPEC	—	
WEIGHT	TBD	

AMP Tyco Electronics Corporation
Harrisburg, Pa 17105-3608

NAME: SMA STRAIGHT PCB JACK (M39012/93-3002)

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-1053374	—

CUSTOMER DRAWING | SCALE 10:1 | SHEET 1 OF 1 | REV A

MA/COM # 2062-8002-90