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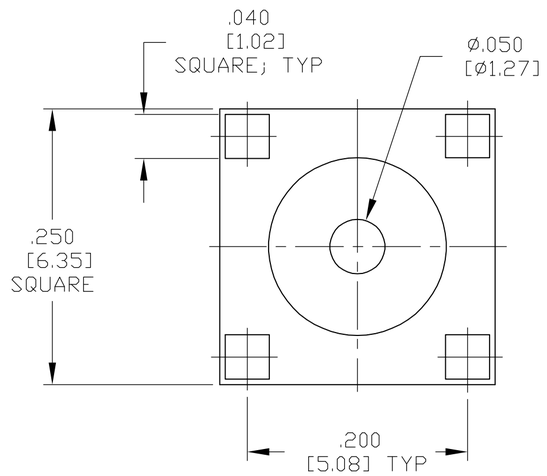
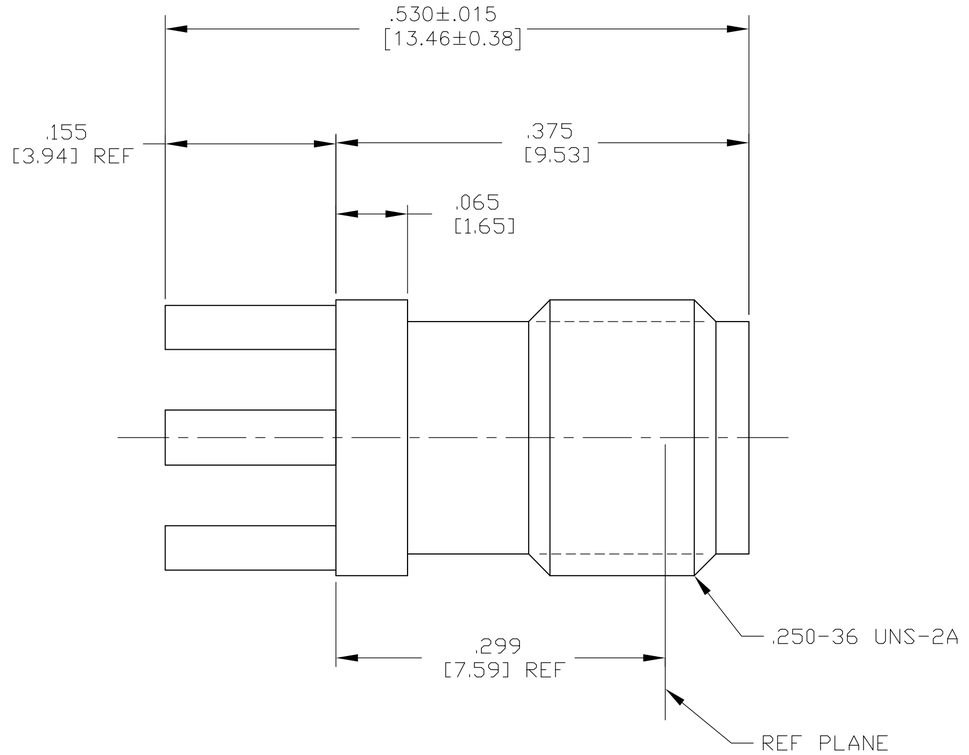
LOC	DIST
DF	X0

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	REV PER ECO 07-001529	1-22-07	CT	BM

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A,	TEMPERATURE RATING -65°C TO +125°C
Frequency Range (GHz) DC to 18	Fig. 310.2	Vibration MIL-STD-202, Method
Volt Rating (VRMS MAX)	Recommended Mating	204, Condition D
@ Sea Level 335	Torque N/A	Shock MIL-STD-202, Method 213,
VSWR N/A	Mating Characteristics:	Condition I
Insertion Loss (dB MAX) N/A	Insertion (MAX Lbs) 3.0	Thermal Shock MIL-STD-202,
RF Leakage (dB MIN) N/A	Withdrawal (MIN Oz) 1.0	Method 107, Condition B
Corona, 70,000 Ft (VRMS MIN) 250	Force to Engage and	Moisture Resistance MIL-STD-202,
Dielectric Withstanding Voltage	Disengage (In-Lbs MAX) 2.0	Method 106
(VRMS MIN) @ Sea Level 1000	Center Contact Captivation	Corrosion - MIL-STD-202, Method
Contact Resistance (Milliohms MAX)	Axial (Lbs) 6.0	101, Condition B, 5% salt spray
Center Contact 3.0	Radial (In-Oz) 4.0	
Outer Contact 2.0	Cable Retention	
Cable to Housing N/A	Axial Force (Lbs) N/A	
RF High Potential @ Sea Level	Torque (In-Oz) N/A	
(VRMS MIN @ 5 MHz) 670	Weight (Grams) 1.3	
I.R.(Megohms MIN) 5,000		





COMPONENT	MATERIAL	FINISH
HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER ASYM-B-488
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H	GOLD PLATE PER ASTM-B-488

1883864-1
PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± -
1 PLC ± -
2 PLC ± .005 [0.13]
3 PLC ± -
4 PLC ± -
ANGLES ± 1°

MATERIAL: SEE TABLE
FINISH: SWW TABLE

DWN C.C.THOMAS 1-22-07
CHK B.MOYER 1-22-07
APVD B.MOYER 1-22-07
PRODUCT SPEC —
APPLICATION SPEC —
WEIGHT —

AMP Tyco Electronics Corporation
Harrisburg, PA 17105-3608

NAME SMA STRAIGHT PCB JACK

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-1883864	—

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

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