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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
DF	XO	O	RELEASED	10-02	CT RG

COMPONENT	MATERIAL	FINISH
HOUSING	STAINLESS STEEL PER ASTM-A-484 OR ASTM-A-582 TYPE 303	GOLD PLATED PER ASTM-B-488 OVER NICKEL PER QQ-N-290
DIELECTRIC	PTFE FLUOROCARBON PER ASTM-D-1457	-
CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B-196 ALLOY C17300, CONDITION H	GOLD PLATED PER ASTM-B-488 OVER COPPER PER MIL-C-14550
CONTACT SLEEVE	BERYLLIUM COPPER PER ASTM-B-196 ALLOY C17300, CONDITION H	GOLD PLATED PER ASTM-B-488 OVER NICKEL PER QQ-N-290
CONTACT RING	BERYLLIUM COPPER PER ASTM-B-194 ALLOY C17200, CONDITION H	GOLD PLATED PER ASTM-B-488 OVER COPPER PER MIL-C-14550

ENVIRONMENTAL

TEMPERATURE RATING: -65°C TO +125°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.

THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION B

MECHANICAL

INTERFACE DIMENSIONS: MIL-C-39012

RECOMMENDED MATING TORQUE: N/A

FORCE TO ENGAGE & DISENGAGE (IN-LBS MAX:): 1.5

WEIGHT (GRAMS): TBD

MATING CHARACTERISTICS: INSERTION (MAX LBS): 3.0  
WITHDRAWAL (MIN OZ): 1.0

CABLE RETENTION: AXIAL FORCE (LBS): N/A  
TORQUE (IN-OZ): N/A

CENTER CONTACT CAPTIVATION: AXIAL (LBS): 6.0  
RADIAL (IN-OZ): N/A

ELECTRICAL

NORMAL IMPEDANCE (OHMS): 50

FREQUENCY 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: 1,000

I.R. (MEGOHMS MIN): 5,000

RF HIGH POTENTIAL AT SEA LEVEL (VRMS MIN @ 5 MHz): 670

CONTACT RESISTANCE (MILLIOHMS MAX):  
CENTER CONTACT: 2.0  
OUTER CONTACT: 2.0  
CABLE TO HOUSING: N/A

Dimensions: .570 [14.48], .375 [9.53], .195 [4.95] REF, .065 [1.65], .197 [5.00] REF, .050 [1.27]

Labels: REF PLANE, MOUNTING SURFACE

Dimensions: .200 [5.08] TYP, .100 [2.54] TYP,  $\phi .375$  [9.52]

Label: .030 [0.76] SQUARE 4 PLC

Dimensions:  $\phi .067^{+.003}_{-.000}$  [1.70 +0.08 / -0.00] 5 PLC, .200 [5.08] TYP

RECOMMENDED MOUNTING PATTERN

1663069-1  
PART NO.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: C.C.THOMAS 10-3-02	<b>tyco</b> Tyco Electronics Corporation	
DIMENSIONS: INCHES		CHK: R.GROSS 10-3-02	Harrisburg, PA 17105	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: R.GROSS 10-3-02	NAME: OSP PWB STRAIGHT PCB JACK STRAIGHT TERMINAL,RF	
0 PLC ± -	1 PLC ± -	PRODUCT SPEC	SIZE: A2	CAGE CODE: 00779
2 PLC ± -	3 PLC ± .005 [0.13]	APPLICATION SPEC	DRAWING NO: 1663069	RESTRICTED TO: -
4 PLC ± -	ANGLES ± -	WEIGHT: -	SCALE: 10:1	SHEET: 1 OF 1
MATERIAL: SEE TABLE	FINISH: SEE TABLE	CUSTOMER DRAWING	REV: 0	

AMP 1471-9 REV 31MAR2000

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