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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
00	HC	C	REV PER OS14-0222-04	06-10-04	JDP JGH

Technical drawing showing dimensions and features of the jack receptacle. Key dimensions include: overall width .230 [5.8], mounting surface offset .060 [1.5], center contact diameter  $\phi.020$  [0.5], outer contact diameter  $\phi.248$  [6.3], and overall diameter  $\phi.300$  [7.6]. A note indicates 'OVER STRAIGHT KNURL' with a diameter of  $\phi.253^{+.002}_{-.000}$  [6.4]. Other dimensions include .450 [11.4] and .060 [1.5].

RECOMMENDED MOUNTING HOLE detail drawing. Shows a hole with a chamfered edge of  $.005/.010 \times 45^\circ$ . Dimensions include: hole diameter  $\phi.046 \pm .001$  [1.2], hole depth  $.250 \pm .001$  [6.4], and a reference diameter of  $.250$  [6.4] REF.

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
NOMINAL IMPEDANCE (OHMS): 50	INTERFACE DIMENSIONS PER MIL-STD-348, FIG. 321.2	TEMPERATURE RATING: -65°C TO +125°C
FREQUENCY RANGE (GHz): DC TO 18.	MATING CHARACTERISTICS: INSERTION MAX (LBS.): 3 WITHDRAWAL MIN (OZ.): 1	VIBRATION PER MIL-STD-202, METHOD 204 CONDITION D.
VOLT RATING (VRMS MAX) @ SEA LEVEL: 335	FORCE: TO ENGAGE (LBS MAX): 3 TO DISENGAGE (LBS MAX): 1.5	SHOCK PER MIL-STD-202, METHOD 213, CONDITION I
VSWR: 1.05 + .005f(GHz)	CENTER CONTACT CAPTIVATION AXIAL (LBS): 6	THERMAL SHOCK PER MIL-STD-202 METHOD 107, CONDITION B.
INSERTION LOSS (dB MAX): $.03\sqrt{f(\text{GHz})}$	WEIGHT (GRAMS): 2.3	MOISTURE RESISTANCE PER MIL-STD-202, METHOD 106.
RF LEAKAGE (dB MIN): -(65-f(GHz))		CORROSION PER MIL-STD-202, METHOD 101, CONDITION B.
CORONA, 70,000 FT. (VRMS MIN): 335	<b>1</b> MATERIAL: HOUSING/ BUSHING: STAINLESS STEEL PER ASTM A484 AND ASTM A582, TYPE 303 DIELECTRIC: PTFE PER ASTM-D-1457 CENTER CONTACT: BeCu PER ASTM B 196, CONDITION H CONTACT SLEEVE: BeCu PER ASTM B 196, CONDITION H CONTACT RING / SHIM: BeCu PER ASTM B 194, CONDITION H	
DIELECTRIC WITHSTANDING VOLTAGE: (VRMS MIN) @ SEA LEVEL: 1000		
CONTACT RESISTANCE (MILLIOHMS MAX): CENTER CONTACT: 2.0 OUTER CONTACT: 2.0	<b>2</b> FINISH: HOUSING/ BUSHING: PASSIVATE PER ASTM-A380 CENTER CONTACT: GOLD PLATE PER MIL-G-45204 OVER COPPER PER MIL-C-14550 CONTACT SLEEVE: GOLD PLATE PER MIL-G-45204 OVER NICKEL PLATE PER QQ-N-290 CONTACT RING / SHIM: GOLD PLATE PER MIL-G-45204 OVER COPPER PER MIL-C-14550	
RF HIGH POTENTIAL @ SEA LEVEL (VRMS MIN @ 5 MHz): 1000		
I.R. (MEGOHMS MIN): 5,000	3. REF M/A-COM 4558-1154-02.	

RECOMMENDED MOUNTING HOLE

1059654-1  
PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN S. BURKHOLDER 23OCT02	Tyco Electronics Corporation Middletown, PA 17057	
DIMENSIONS: INCHES		CHK J. HAVENER 23OCT02	NAME	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD J. HAVENER 23OCT02	PRODUCT SPEC	
0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± .005 4 PLC ± - ± 1 ANGLES ± 1		APPLICATION SPEC	OSP PANEL FEEDTHRU JACK RECEPTACLE STRAIGHT TERMINAL	
MATERIAL	FINISH	408-8679	SIZE A2	CAGE CODE 00779
		WEIGHT -	DRAWING NO C=1059654-1	
CUSTOMER DRAWING		SCALE 6:1	SHEET 1 OF 1	REV C

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