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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
00	HC	C	REV PER 0514-0222-04	06-10-04	JDP JGH

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

RECOMMENDED MOUNTING HOLE detail drawing. Dimensions include: hole diameter $\phi.046 \pm .001$ [1.2], hole depth $.250 \pm .001$ [6.4], and chamfer dimensions $.005/.010 \times 45^\circ$ and $.210 \pm .002$ [5.3].

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	1 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	2 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 ± -		APPLICATION SPEC		
1 PLC ± -		408-8679		
2 PLC ± -		WEIGHT -		
3 PLC ± .005		SIZE A2 CAGE CODE 00779		
4 PLC ± - 1		DRAWING NO C=1059654-1		
ANGLES ± 1		RESTRICTED TO		
FINISH		SCALE 6:1 SHEET 1 OF 1 REV C		
MATERIAL		CUSTOMER DRAWING		

AMP 1471-9 REV 31MAR2000