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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
DF	X0	REV PER 0G3D-0490-02	11-02	JMK	JL

COMPONENT	MATERIAL	FINISH
HOUSING	STAINLESS STEEL PER ASTM-A-484 OR ASTM-A-582 TYPE 303	GOLD PLATED PER ASTM-B-488
DIELECTRIC	PTFE FLUOROCARBON PER ASTM-D-1457	
CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B-196 OR 197 ALLOY C17300, CONDITION H	GOLD PLATED PER ASTM-B-488
FERRULE	COPPER OR BRASS ALLOY, ROCKWELL F65 MAX	GOLD PLATED PER ASTM-B-488

AS SHIPPED TO CUSTOMER

ENVIRONMENTAL

TEMPERATURE RATING: -65°C TO +165°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 85°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) 40
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 12.4

VOLT RATING @ SEA LEVEL (VRMS MAX): 335

VSWR: 1.15+0.01f(GHz)

INSERTION LOSS: (dB MAX): .06 $\sqrt{f(\text{GHz})}$

RF LEAKAGE (dB MIN): -60 @ 2-3GHz

CORONA 70,000 FT (VRMS MIN): 250

DIELECTRIC WITHSTANDING VOLTAGE (VRMS MIN) AT SEA LEVEL: 1000

I.R. (MEGOHMS MIN): 5000

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: 0.5

Dimensions:

- .960 [24.38] MAX
- .385 [9.78]
- .065 [1.65]
- Ø.102 [2.59] 4 PLC
- .340 [8.65] TYP
- .500 SQ [12.70]

Labels:

- CENTER CONTACT DIELECTRIC
- HOUSING
- FERRULE
- CABLE (CUSTOMER SUPPLIED)

Thread: .250-36 UNS-2A

ASSEMBLED VIEW

DESIGNED TO USE	
RG-58/U OR EQUIVALENT	
CABLE ENTRY DIAMETER MIN	
HOUSING:	.121 [3.07]
CONTACT:	.040 [1.02]
DIELECTRIC:	N/A
FERRULE:	.216 [5.49]

THIS DRAWING IS A CONTROLLED DOCUMENT.

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

MATERIAL: SEE TABLE

FINISH: SEE TABLE

DWN	CHK	APVD	NAME	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
J. KAISER	J. LIPPERT	J. LIPPERT	J. LIPPERT	A2	00779	1052040	-
9/17/02	11-20-02	11-20-02					
<p>tyco Tyco Electronics Corporation Harrisburg, PA 17105</p>				<p>408-4926</p>			
<p>PRODUCT SPEC</p>				<p>APPLICATION SPEC</p>			
<p>408-4926</p>				<p>SCALE 5:1 SHEET 1 OF 1 REV A</p>			
<p>WEIGHT TBD</p>				<p>CUSTOMER DRAWING</p>			

1052040-1
PART NO.

AMP 1471-9 REV 31MAR2000

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