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COMPONENT	MATERIAL	FINISH	
HOUSING	BERYLLIUM COPPER PER ASTM-B-196, ALLOY C17300, COND. H	GOLD PLATED PER ASTM-B-488	
DIELECTRIC	TFE FLUORCARBON PER ASTM-D-1457	-	
CENTER CONTACT CONTACT FINGER	BERYLLIUM COPPER PER ASTM-B-196, ALLOY C17300, COND. H	GOLD PLATED PER ASTM-B-488	
ANTI-ROCK RING EMI RING	BERYLLIUM COPPER PER ASTM-B-196, ALLOY C17300, COND. H	GOLD PLATED PER ASTM-B-488	
CAP	BRASS PER ASTM-B-16	GOLD PLATE PER ASTM-B-488	
-	-	-	
-	-	-	
-	-	-	
-	-	-	
-	-	-	
-	-	-	
-	-	-	

ENVIRONMENTAL	
TEMPERATURE RATING:	-65°C TO +165°C
VIBRATION:	MIL-STD-202, METHOD 204, CONDITION D
SHOCK:	MIL-STD-202, METHOD 213, CONDITION I
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-STD-348A, FIGURE 326-1A
FORCE TO ENGAGE (LBS MAX):	15
FORCE TO DISENGAGE (IN-LBS MIN):	5.0
WEIGHT (GRAMS):	TBD
MATING CHARACTERISTICS:	INSERTION (MAX LBS): 15.0 WITHDRAWAL (MIN LBS): 5.0
CABLE RETENTION:	AXIAL FORCE (LBS): 20 MIN TORQUE (IN-OZ): -
CENTER CONTACT RETENTION:	LBS MIN: 1.5
DURABILITY:	100 CYCLES

ELECTRICAL	
NORMAL IMPEDANCE (OHMS):	50
FREQUENCY RANGE (GHz):	DC TO 26.5
VOLT RATING @ SEA LEVEL (VRMS MAX):	335
VSWR:	1.35 max @ 26.5 GHz
INSERTION LOSS: (dB MAX):	.12 $\sqrt{f(\text{GHz})}$ dB MIN
RF LEAKAGE (dB MIN):	-80 @ 3 GHz
CORONA 70,000 FT (VRMS MIN):	190
DIELECTRIC WITHSTANDING VOLTAGE (VRMS MIN) AT SEA LEVEL:	500
I.R. (MEGOHMS MIN):	5000
RF HIGH POTENTIAL AT SEA LEVEL (VRMS MIN @ 5 MHz):	325
CONTACT RESISTANCE (MILLIOHMS MAX):	CENTER CONTACT: 6.0 OUTER CONTACT: 2.0 CABLE TO HOUSING: 0.5

LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
DF	X0	B	REV PER ECO-05-002572	05-05	AA WM

DESIGNED TO USE	
CABLE ENTRY DIAMETER MIN	
HOUSING:	.089 [2.26]
CONTACT:	-
DIELECTRIC:	-
-	-
FERRULE:	-

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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN		A.H.ANDERSON		26-MAY-05		tyco		Tyco Electronics Corporation	
CHK		W. MOYER		26-MAY-05		NAME		Electronics		Harrisburg, PA 17105	
APVD		W. MOYER		26-MAY-05		APPLICATION SPEC		408-4740		RESTRICTED TO	
PRODUCT SPEC		-		-		SIZE		CAGE CODE		DRAWING NO	
-		-		-		A2		00779		C=1056551	
CUSTOMER DRAWING		SCALE		15:1		SHEET		1 OF 1		REV	
-		-		-		-		-		B	

1056551-1
PART NO.

AMP 1471-9 REV 31MAR2000

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