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LOC

DF

DIST

X0

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	0	RELEASED	8/19/03	CT	BG

COMPONENT	MATERIAL	FINISH
HOUSING	ALUMINUM 6262-T9	CHEMICAL FILM (YELLOW) PER MIL-C-5541B
CLAMP NUT	ALUMINUM 6061-T6	ANODIC (PALE BLUE)
BUSHING	ALUMINUM 6061-T6	CHEMICAL FILM (YELLOW) PER MIL-C-5541B
DIELECTIC	PTFE FLUOROCARBON PER ASTM-D-1457	
CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197 ALLOY C17300 CONDITION H	GOLD PLATED PER ASTM-B-488
LOCKWASHER	PHOSPHOR BRONZE PER QQ-B-750 GRADE B2	NICKEL PLATED PER QQ-N-290
RETAINING RING	STAINLESS STEEL PER ASTM-A484 & ASTM-A582 TYPE 303	
GASKET O-RING	SILICONE RUBBER PER ZZ-R-765	
FERRULE	BRASS PER ASTM-B-16 HALF-HARD	NICKEL PLATED PER QQ-N-290

ENVIRONMENTAL

TEMPERATURE RATING: -65°C TO +165°C

VIBRATION: MIL-STD-202, METHOD 204, CONDITION B

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. 304-2

RECOMMENDED MATING TORQUE: 6-10 IN-LBS

FORCE TO ENGAGE & DISENGAGE (IN-LBS MAX:) 2.0

WEIGHT (GRAMS): TBD

MATING CHARACTERISTICS: INSERTION (MAX LBS) 2.0 WITHDRAWAL (MIN OZ): 2.0

CABLE RETENTION: AXIAL FORCE (LBS) 75.0 TORQUE (IN-OZ): N/A

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

ELECTRICAL

NORMAL IMPEDANCE (OHMS): 50

FREQUENCY RANGE (GHz): 10.0

VOLT RATING @ SEA LEVEL (VRMS MAX): 400

VSWR: 1.03+.006f(GHz)

INSERTION LOSS: (dB MAX): .15 @ 10 GHz

RF LEAKAGE (dB MIN): -90 @ 2-3 GHz

CORONA 70,000 FT (VRMS MIN): 500

DIELECTRIC WITHSTANDING VOLTAGE (VRMS MIN) AT SEA LEVEL: 1,500

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

RF HIGH POTENTIAL AT SEA LEVEL (VRMS MIN @ 5 MHz): 1,500

CONTACT RESISTANCE (MILLIOHMS MAX): CENTER CONTACT: 1.0 OUTER CONTACT: 0.2 CABLE TO HOUSING: 0.05

AS SHIPPED TO CUSTOMER

DSN JACK

CENTER CONTACT DIELECTRIC BUSHING O-RING CLAMP RING FERRULE SPACER FERRULE

.625-24 UNEF-2A

MOUNTING NUT .750 [19.0] HEX

LOCKWASHER

GASKET

2.280 [57.90] REF

.884 [22.45]

.250 [6.35] MAX PANEL

.917 [23.29]

Ø.630 [Ø16.00] MIN

Ø 1.000 [25.40]

.532 [13.51] MIN

RECOMMENDED PANEL CUTOUT

Ø.031 MIN. LOCKWIRE HOLE (4 PLCS)

CLAMP NUT .812 [20.6] ACROSS FLAT

ASSEMBLED VIEW

DESIGNED TO USE RG-385/U CABLE CABLE ENTRY DIAMETER MIN

FERRULE:	.506 [12.85]
CONTACT:	.155 [3.94]
CLAMP NUT:	.555 [14.10]
BUSHING:	.390 [9.91]
-	-

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES [mm]

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

MATERIAL SEE TABLE

DWN C.C.THOMAS 18AUG03

CHK B. GROSS 8-19-03

APVD B. GROSS 8-19-03

PRODUCT SPEC

APPLICATION SPEC

408-4895

WEIGHT TBD

CUSTOMER DRAWING

tyco Electronics

Tyco Electronics Corporation Harrisburg, PA 17105

NAME

TYPE "N" STRAIGHT CABLE JACK-COMPRESSION CLAMP ATTACHMENT

SIZE A2

CAGE CODE 00779

DRAWING NO C=1663576

RESTRICTED TO

SCALE 3:1

SHEET 1 OF 1

REV 0

1663576-1 PART NO.

AMP 1471-9 REV 31MAR2000

MA/COM # 3004-7500-00

Mouser Electronics

Authorized Distributor

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