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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

FREQUENCE 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 √ f(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

DF

X0

P

LTR

DESCRIPTION

DATE

DWN

APVD

D

REV PER ECO-05-002575

05-05

AA

WM

AS SHIPPED TO CUSTOMER

HOUSING

DIELECTRIC
CENTER CONTACT
REAR DIELECTRIC

CAP

REAR
DIELECTRIC

RETAINING
RING

LOCKING
RING

ASSEMBLED VIEW

DESIGNED TO USE
Ø.047 SEMI-RIGID CABLE

CABLE ENTRY
DIAMETER MIN

HOUSING: .050 [1.27]

CONTACT: -

DIELECTRIC: -

-

FERRULE: -

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

MATERIAL

SEE TABLE

SEE TABLE

DWN

J. KAISER

22MAY03

CHK

B. GROSS

6-2-03

APVD

B. GROSS

6-2-03

PRODUCT SPEC

APPLICATION SPEC

408-4775

WEIGHT

TBD

CUSTOMER DRAWING

tyco

Electronics

Tyco Electronics Corporation
Harrisburg, PA 17105

NAME

OSMP RIGHT ANGLE CABLE JACK
DIRECT SOLDER ATTACHMENT

SIZE

A2

CAGE CODE

00779

DRAWING NO

C=1056550

RESTRICTED TO

-

SCALE

15:1

SHEET

1

OF

1

REV

D

1056550-1

PART
NO.

AMP 1471-9 REV 31MAR2000

MA/COM # 2908-5006-62