

4

3

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1

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LOC

DIST

REVISIONS

P

LTR

DESCRIPTION

DATE

DWN

APVD

AJ

17

B

REVISED PER EC OS14-0098-05

11MAY2006

KS

KW

200±5

REFERENCE PLANE TO CENTERLINE

ORIENTED FLAT

7.90 HEX

SMA BULKHEAD JACK

3.20 MAX PANEL THICKNESS

OSMT JACK

Ø1.3 REF CABLE

INSULATING DISK

2.1 REF

Ø2.5 REF

Ø6.40 MIN

6.00 MIN

1. PERFORMANCE SHOWN FOR SSMT CONNECTOR AND CABLE ONLY.

FOR CABLE ASSEMBLY DATA CONSULT FACTORY.

SMA CONNECTOR

HOUSING & COUPLING NUT

CENTER CONTACT

INNER CONTACT

DIELECTRIC

RETAINING RING

GASKET

FERRULE

SHRINK TUBING

STAINLESS STEEL

BERYLLIUM COPPER

BERYLLIUM COPPER

TETRAFLUOROETHYLENE (TFE)

BERYLLIUM COPPER

SILICONE RUBBER

COPPER OR BRASS

HEAT SHRINKABLE POLYOLEFIN COMPOUND

PASSIVATE

GOLD PLATE

GOLD PLATE

N/A

N/A

N/A

NICKEL PLATE

N/A

SSMT CONNECTOR

OUTER CONTACT

CENTER CONTACT

DIELECTRIC

BERYLLIUM COPPER

BERYLLIUM COPPER

POLYPROPYLENE, GF

GOLD PLATE OVER NICKEL PLATE

GOLD PLATE OVER NICKEL PLATE

N/A

CABLE

JACKET

SHIELD

DIELECTRIC

CENTER CONDUCTOR

FLUORINATED ETHYLENE PROPYLENE (FEP)

COPPER WIRE, 44 AWG

POLYTETRAFLUOROETHYLENE (PTFE)

COPPER CLAD STEEL, 30 AWG

N/A

SILVER PLATED

N/A

SILVER PLATED

INSULATING DISK

POLYESTER

N/A

COMPONENT

MATERIAL

FINISH

ELECTRICAL

FREQUENCY

NOMINAL IMPEDENCE

VOLTAGE RATING

VSWR (MATED CONNECTORS ONLY)

INSULATION RESISTANCE

DIELECTRIC WITHSTANDING VOLTAGE

DC - 6 GHz

50 OHMS

250 VOLTS (VRMS MAX) @ SEA LEVEL

1.20:1 MAX @ 2 GHz

1.40:1 MAX @ 6 GHz

1,000 MEGOHMS MIN @ 250 VDC

500 VOLTS (VRMS MIN) @ SEA LEVEL

MECHANICAL

CONNECTOR DURABILITY

100 MATING CYCLES

ENVIRONMENTAL

TEMPERATURE RATING

-40°C(-40°F) TO +125°C(257°F)

PRODUCT SPEC

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -

1 PLC ± -

2 PLC ± -

3 PLC ± -

4 PLC ± -

ANGLES ± -

FINISH -

MATERIAL

-

DWN

DK SCHRUM

11MAY2006

CHK

KE WEIDNER

11MAY2006

APVD

KE WEIDNER

11MAY2006

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

-

CUSTOMER DRAWING

tyco

Electronics

Tyco Electronics Corporation

Harrisburg, PA 17105-3608

NAME

SSMT RIGHT ANGLE JACK TO SMA

BULKHEAD JACK INTERSERIES CABLE ASSEMBLY

SIZE

A2

CAGE CODE

00779

DRAWING NO

C=1064553

RESTRICTED TO

-

SCALE

4:1

SHEET

1 of 1

REV

B

1064553

AMP 1471-9 REV 31MAR2000

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