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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

2.1 REF

Ø2.5 REF

Ø1.3 REF CABLE

INSULATING DISK

Ø6.40 MIN

6.00 MIN

RECOMENDED MOUNTING HOLE

1. PERFORMANCE SHOWN FOR SSMT CONNECTOR AND CABLE ONLY.

FOR CABLE ASSEMBLY DATA CONSULT FACTORY.

SMA CONNECTOR		SSMT CONNECTOR		CABLE		INSULATING DISK		COMPONENT		MATERIAL		FINISH	
HOUSING & COUPLING NUT	STAINLESS STEEL	BERYLLIUM COPPER	GOLD PLATE	JACKET	FLUORINATED ETHYLENE PROPYLENE (FEP)	N/A	POLYESTER						
CENTER CONTACT	BERYLLIUM COPPER	BERYLLIUM COPPER	GOLD PLATE OVER NICKEL PLATE	SHIELD	COPPER WIRE, 44 AWG	SILVER PLATED							
INNER CONTACT	BERYLLIUM COPPER	BERYLLIUM COPPER	GOLD PLATE OVER NICKEL PLATE	DIELECTRIC	POLYTETRAFLUOROETHYLENE (PTFE)	N/A							
DIELECTRIC	TETRAFLUOROETHYLENE (TFE)	POLYPROPYLENE, GF	N/A	CENTER CONDUCTOR	COPPER CLAD STEEL, 30 AWG	SILVER PLATED							
RETAINING RING	BERYLLIUM COPPER												
GASKET	SILICONE RUBBER												
FERRULE	COPPER OR BRASS												
SHRINK TUBING	HEAT SHRINKABLE POLYOLEFIN COMPOUND												

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

0 PLC
1 PLC
2 PLC
3 PLC
4 PLC
ANGLES
FINISH

± -
± -
± -
± -
± -
± -
± -

MATERIAL

-

DWN
DK SCHRUM
CHK
KE WEIDNER
APVD
KE WEIDNER
PRODUCT SPEC
APPLICATION SPEC
WEIGHT
CUSTOMER DRAWING

11MAY2006
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11MAY2006

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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

1064553-1

PART NUMBER

1064553

AMP 1471-9 REV 31MAR2000

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