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LOC

DIST

AJ17

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	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

INSULATING DISK

2.1 REF

ø2.5 REF

ø1.3 REF CABLE

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		MECHANICAL		ENVIRONMENTAL	
FREQUENCY	DC - 6 GHz	CONNECTOR DURABILITY	100 MATING CYCLES	TEMPERATURE RATING	-40°C(-40°F) TO +125°C(257°F)
NOMINAL IMPEDENCE	50 OHMS				
VOLTAGE RATING	250 VOLTS (VRMS MAX) @ SEA LEVEL				
VSWR (MATED CONNECTORS ONLY)	1.20:1 MAX @ 2 GHz 1.40:1 MAX @ 6 GHz				
INSULATION RESISTANCE	1,000 MEGOHMS MIN @ 250 VDC				
DIELECTRIC WITHSTANDING VOLTAGE	500 VOLTS (VRMS MIN) @ SEA LEVEL				

1064553-1

PART NUMBER

1064553

B

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

AMP 1471-9 REV 31MAR2000

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