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LOC

DIST

REVISIONS

AJ

17

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

2.1 REF

INSULATING DISK

OSMT JACK

Ø1.3 REF CABLE

Ø2.5 REF

3.20 MAX PANEL THICKNESS

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:

TOLERANCES UNLESS OTHERWISE SPECIFIED:

MATERIAL

FINISH

DWN

CHK

APVD

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

11MAY2006

11MAY2006

11MAY2006

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tyco

Electronics

Tyco Electronics Corporation

Harrisburg, PA 17105-3608

NAME

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

SSMT RIGHT ANGLE JACK TO SMA

BULKHEAD JACK INTERSERIES CABLE ASSEMBLY

A2

00779

1064553

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SCALE

SHEET

REV

4:1

1 of 1

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PART NUMBER