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LOC

AJ

DIST

17

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	B	REV PER EC 0S14-0092-05	24DEC2005	REH	KW

INSULATING DISK

OSMT CONNECTOR SUB-ASSY

COAXIAL CABLE

SHRINK TUBING

SMA CONNECTOR SUB-ASSY

200±5

REFERENCE PLANE

<u>SMA CONNECTOR</u>		
HOUSING & COUPLING NUT	STAINLESS STEEL	PASSIVATE
CENTER CONTACT	BRASS	GOLD PLATE
INNER CONTACT	BERYLLIUM COPPER	GOLD PLATE
DIELECTRIC	POLYTETRAFLUOROETHYLENE (PTFE)	N/A
RETAINING RING	BERYLLIUM COPPER	N/A
GASKET	SILICONE RUBBER	N/A
FERRULE	COPPER OR BRASS	NICKEL PLATE
<u>OSMT CONNECTOR</u>		
OUTER CONTACT	BERYLLIUM COPPER	GOLD PLATE
CENTER CONTACT	BERYLLIUM COPPER	GOLD PLATE
DIELECTRIC	POLYPROPYLENE, GF	N/A
<u>CABLE</u>		
JACKET	POLYVINYL CHLORIDE (PVC)	N/A
SHIELD	SILVER PLATED COPPER WIRE, 38 AWG	N/A
DIELECTRIC	PERFLUOROALKOXY (PFA)	N/A
CENTER CONDUCTOR	SILVER PLATED COPPER CLAD STEEL, 30 AWG	N/A
INSULATING DISK	POLYESTER	N/A
SHRINK TUBING	HEAT SHRINKABLE POLYOLEFIN TUBING	N/A
COMPONENT	MATERIAL	FINISH

1. ELECTRICAL PERFORMANCE SHOWN FOR OSMT CONNECTOR AND CABLE ONLY. FOR CABLE ASSEMBLY DATA, CONSULT FACTORY.

<u>ELECTRICAL</u>	
FREQUENCY	DC — 6 GHz
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
DIELECTRIC WITHSTANDING VOLTAGE	500 VOLTS (VRMS MIN) @ SEA LEVEL
<u>MECHANICAL</u>	
CONNECTOR DURABILITY	100 MATING CYCLES
<u>ENVIRONMENTAL</u>	
TEMPERATURE RATING	-40°C(-40°F) TO +105°C(221°F)
PRODUCT SPEC	
THIS DRAWING IS A CONTROLLED DOCUMENT.	
DWN B.B. 08/10/92	
CHK —	
APVD P.R. 08/14/92	
PRODUCT SPEC	
APPLICATION SPEC	
WEIGHT —	
CUSTOMER DRAWING	
SCALE 10:1	
SHEET 1 of 1	
REV B	

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DWN B.B. 08/10/92

CHK —

APVD P.R. 08/14/92

PRODUCT SPEC

APPLICATION SPEC

WEIGHT —

CUSTOMER DRAWING

tyco Electronics

Tyco Electronics Corporation

Harrisburg, PA 17105-3608

NAME

OSMT RIGHT ANGLE JACK INTER-SERIES CABLE ASSY

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

0 PLC ± -

1 PLC ± -

2 PLC ± -

3 PLC ± -

4 PLC ± -

ANGLES ± -

FINISH

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A2

00779

1064391

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1064391

1064391-1

PART NUMBER

AMP 1471-9 REV 31MAR2000

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