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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
AJ	00	B1	REVISED PER ECO-10-006959	11JUN10	HMR KW

CONNECTOR SUB-ASSEMBLY (BOTH ENDS)

COAXIAL CABLE

"L"
CENTERLINE TO CENTERLINE

△ CONNECTOR CENTERLINES SHALL BE ALIGNED AS SHOWN WITHIN ±30° FOR LENGTHS 165mm OR LESS LENGTHS ABOVE 165mm SHALL HAVE CONNECTOR CENTERLINES ALIGNED AT RANDOM

915±10	1064533-2
315±5	1064533-1
"L"	PART NUMBER

ELECTRICAL	
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 @ 250VDC
DIELECTRIC WITHSTANDING VOLTAGE	500 VOLTS (VRMS MIN) @ SEA LEVEL
MECHANICAL	
CONNECTOR DURABILITY	100 MATING CYCLES
ENVIRONMENTAL	
TEMPERATURE RATING	-40°C(-40°F) TO +125°C(257°F)

SSMT CONNECTOR	MATERIAL	FINISH
OUTER CONTACT	BERYLLIUM COPPER	GOLD PLATE OVER NICKEL PLATE
CENTER CONTACT	BERYLLIUM COPPER	GOLD PLATE OVER NICKEL PLATE
DIELECTRIC	POLYPROPYLENE, GF	N/A
CABLE	MATERIAL	FINISH
JACKET	FLUORINATED ETHYLENE PROPYLENE (FEP)	N/A
SHIELD	COPPER WIRE, 44 AWG	SILVER PLATE
DIELECTRIC	POLYTETRAFLUOROETHYLENE (PTFE)	N/A
CENTER CONDUCTOR	COPPER CLAD STEEL, 30 AWG	SILVER PLATE
COMPONENT	MATERIAL	FINISH

PRODUCT SPEC										
THIS DRAWING IS A CONTROLLED DOCUMENT.										
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± 0.13 4 PLC ± - ANGLES ± 1°									
MATERIAL	FINISH									
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AMP 1471-9 REV 31MAR2000

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