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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
AJ	00	B	REVISED PER EC 0514-0098-05	04MAY2006	KS KW

CONNECTOR SUB-ASSEMBLY

COAXIAL CABLE

6.10±0.25

3.56±0.25

2.28±0.25

770±10

CENTERLINE TO END OF CABLE

1251701-1

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)

COMPONENT	MATERIAL	FINISH
SSMT CONNECTOR		
OUTER CONTACT	BERYLLIUM COPPER	GOLD PLATE OVER NICKEL PLATE
CENTER CONTACT	BERYLLIUM COPPER	GOLD PLATE OVER NICKEL PLATE
DIELECTRIC	POLYPROPYLENE, GF	N/A
CABLE		
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

PRODUCT SPEC

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN DK SCHRUM 04MAY2006	tyco Tyco Electronics Corporation	
		CHK KE WEIDNER 04MAY2006	Electronics Harrisburg, PA 17105-3608	
		APVD KE WEIDNER 04MAY2006	NAME SSMT RIGHT ANGLE JACK	
		PRODUCT SPEC	PIGTAIL CABLE ASSEMBLY	
		APPLICATION SPEC		
		WEIGHT -	SIZE A2	RESTRICTED TO -
		CUSTOMER DRAWING	CAGE CODE 00779	DRAWING NO C=1251701
			SCALE 15:1	SHEET 1 of 1
				REV B

AMP 1471-9 REV 31MAR2000

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