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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
	B1	REVISED PER ECO-06-012319	25MAY2006	KS	KW

CONNECTOR SUB-ASSEMBLY

COAXIAL CABLE

DIM L ±10  
CENTERLINE TO END OF CABLE

686	1064542-2
510	1064542-1
DIM L	PART NUMBER

<b>ELECTRICAL</b>	
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
<b>MECHANICAL</b>	
CONNECTOR DURABILITY	100 MATING CYCLES
<b>ENVIRONMENTAL</b>	
TEMPERATURE RATING	-40°C(-40°F) TO +125°C(257°F)

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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN DK SCHRUM 04MAY2006	Tyco Electronics Corporation Harrisburg, PA 17105-3608	
DIMENSIONS: mm		CHK KE WEIDNER 04MAY2006		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD KE WEIDNER 04MAY2006	NAME SSMT RIGHT ANGLE JACK PIGTAIL CABLE ASSEMBLY	
0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± 0.13 4 PLC ± - ANGLES ± 1°		PRODUCT SPEC	RESTRICTED TO	
MATERIAL		APPLICATION SPEC	SIZE A2	CAGE CODE 00779
FINISH		WEIGHT -	DRAWING NO C=1064542	
		CUSTOMER DRAWING	SCALE 15:1	SHEET 1 of 1
			REV B1	

AMP 1471-9 REV 31MAR2000

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