

4

3

2

1

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION
 © COPYRIGHT BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

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

100±3
CENTERLINE TO END OF CABLE

1064535-1

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	
		PRODUCT SPEC	SSMT RIGHT ANGLE JACK PIGTAIL CABLE ASSEMBLY	
		APPLICATION SPEC	RESTRICTED TO	
		WEIGHT -	SIZE A2	CAGE CODE 00779
		CUSTOMER DRAWING	SCALE 15:1	DRAWING NO C=1064535
			SHEET 1 of 1	REV B

AMP 1471-9 REV 31MAR2000

14JUN2006 3:35pm us026463 \\Us194fp00\data\RF\Prod_eng\Schr\Weidner\0514-0098-05\1064535_1-c.dwg