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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 (BOTH ENDS)

COAXIAL CABLE

150±5  
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

1081829-1

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
<b>SSMT CONNECTOR</b>		
OUTER CONTACT	BERYLLIUM COPPER	GOLD PLATE OVER NICKEL PLATE
CENTER CONTACT	BERYLLIUM COPPER	GOLD PLATE OVER NICKEL 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

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																																	
<table border="1"> <tr> <td>DWN</td> <td>DK SCHRUM</td> <td>04MAY2006</td> <td rowspan="4">  Tyco Electronics Corporation Harrisburg, PA 17105-3608         </td> </tr> <tr> <td>CHK</td> <td>KE WEIDNER</td> <td>04MAY2006</td> </tr> <tr> <td>APVD</td> <td>KE WEIDNER</td> <td>04MAY2006</td> </tr> <tr> <td>NAME</td> <td colspan="2">SSMT RIGHT ANGLE JACK TO JACK CABLE ASSEMBLY</td> </tr> <tr> <td>SIZE</td> <td>CAGE CODE</td> <td>DRAWING NO</td> <td>RESTRICTED TO</td> </tr> <tr> <td>A2</td> <td>00779</td> <td>C=1081829</td> <td>-</td> </tr> <tr> <td colspan="2">CUSTOMER DRAWING</td> <td>SCALE</td> <td>SHEET</td> </tr> <tr> <td colspan="2"></td> <td>15:1</td> <td>1 of 1</td> </tr> <tr> <td colspan="2"></td> <td>REV</td> <td>B</td> </tr> </table>		DWN	DK SCHRUM	04MAY2006	 Tyco Electronics Corporation Harrisburg, PA 17105-3608	CHK	KE WEIDNER	04MAY2006	APVD	KE WEIDNER	04MAY2006	NAME	SSMT RIGHT ANGLE JACK TO JACK CABLE ASSEMBLY		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO	A2	00779	C=1081829	-	CUSTOMER DRAWING		SCALE	SHEET			15:1	1 of 1			REV	B
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