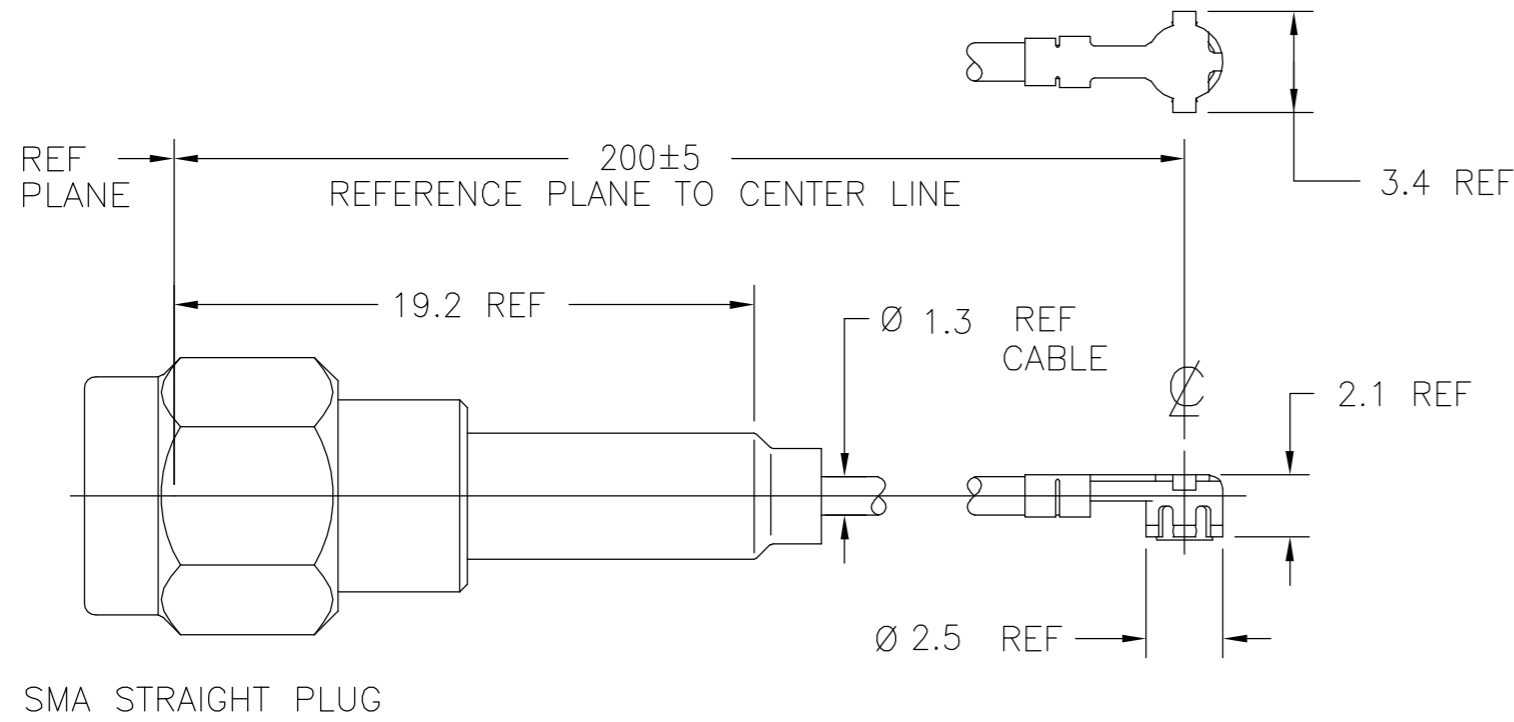


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LOC	DIST	REVISIONS					
AJ	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		B		REVISED PER EC 0S14-0098-05	04MAY2006	KS	KW



1. PERFORMANCE SHOWN FOR SSMT CONNECTOR AND CABLE ONLY.
 FOR CABLE ASSEMBLY DATA CONSULT FACTORY.

COMPONENT	MATERIAL	FINISH
<u>SMA CONNECTOR</u>		
HOUSING & COUPLING NUT	STAINLESS STEEL	PASSIVATE
CENTER CONTACT	BERYLLIUM COPPER	GOLD PLATE
INNER CONTACT	BERYLLIUM COPPER	GOLD PLATE
DIELECTRIC	POLYTETRAFLUOROETHYLENE (PTFE)	N/A
RETAINING RING	BERYLLIUM COPPER	N/A
GASKET	SILICONE RUBBER	N/A
FERRULE	COPPER OR BRASS	NICKEL PLATE
SHRINK TUBING	HEAT SHRINKABLE POLYOLEFIN COMPOUND	N/A
<u>SSMT CONNECTOR</u>		
OUTER CONTACT	BERYLLIUM COPPER	GOLD PLATE OVER NICKEL PLATE
CENTER CONTACT	BERYLLIUM COPPER	GOLD PLATE OVER NICKEL PLATE
DIELECTRIC	POLYPROPYLENE, GF	N/A
<u>CABLE</u>		
JACKET	FLUORINATED ETHYLENE PROPYLENE (FEP)	N/A
SHIELD	COPPER WIRE, 38 AWG	SILVER PLATE
DIELECTRIC	PERFLUOROALKOXY (PFA)	N/A
CENTER CONDUCTOR	COPPER CLAD STEEL, 30 AWG	SILVER PLATE
INSULATING DISK	POLYESTER	N/A

1064552-1
 PART NUMBER

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

PRODUCT SPEC

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN DK SCHRUM 04MAY2006	tyco Tyco Electronics Corporation	
DIMENSIONS: mm [INCHES]		CHK KE WEIDNER 04MAY2006	Harrisburg, PA 17105-3608	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD KE WEIDNER 04MAY2006	NAME	
0 PLC ± -	1 PLC ± -	PRODUCT SPEC	SSMT RIGHT ANGLE JACK TO SMA STRAIGHT PLUG INTERSERIES CABLE ASSEMBLY	
2 PLC ± -	3 PLC ± 0.13[.005]	APPLICATION SPEC	SIZE A2	CAGE CODE 00779
4 PLC ± -	ANGLES ± 1°	WEIGHT -	DRAWING NO C=1064552	RESTRICTED TO -
MATERIAL -	FINISH -	CUSTOMER DRAWING	SCALE 4:1	SHEET 1 of 1
			REV B	