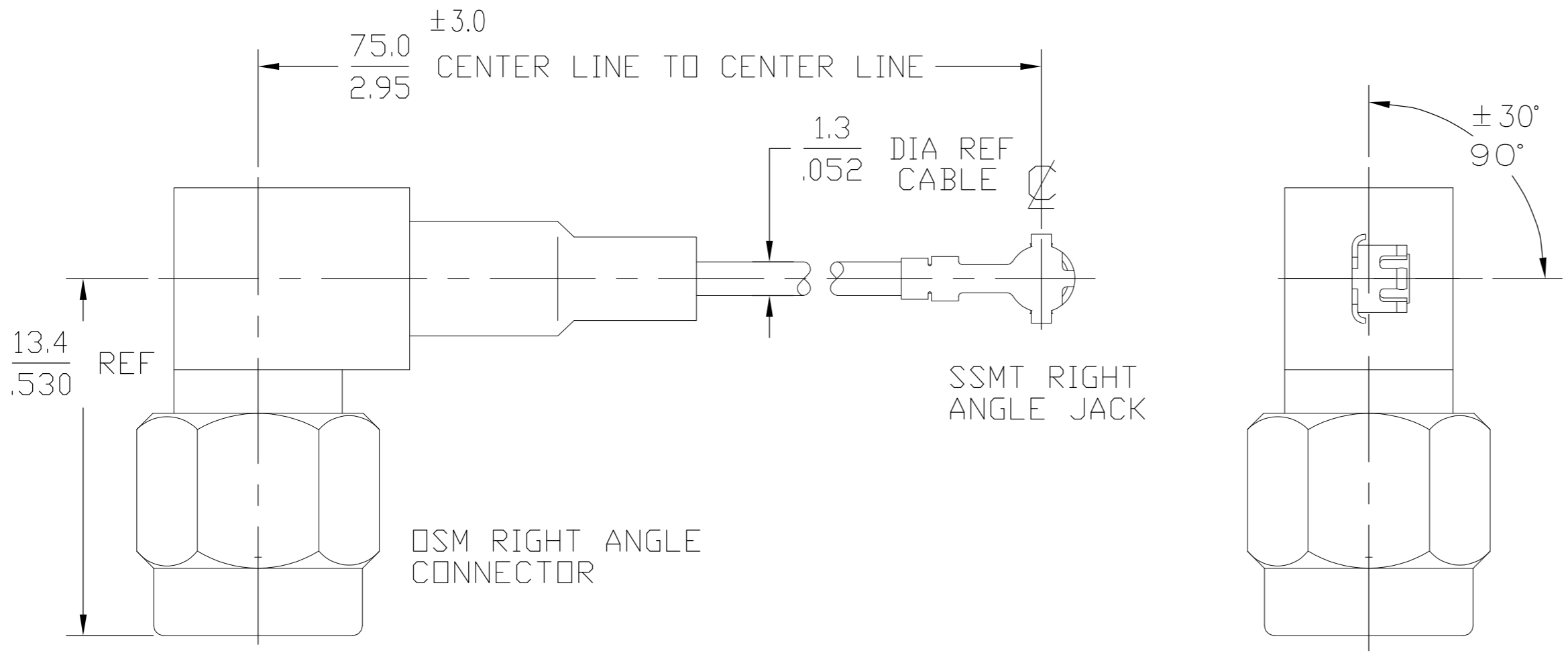


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LOC		DIST		REVISIONS					
AJ		00		P	LTR	DESCRIPTION	DATE	DWN	APVD
				B		REV PER ECO 07-004710	2/28/2007	DW	KW



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

XX.X = mm
 .XXX = in

1080893-1
 PART NUMBER

COMPONENT	MATERIAL	FINISH	SMA CONNECTOR:		
SSMT CONNECTOR: INNER & OUTER CONTACTS	BERYLLIUM COPPER ALLOY CDA172	GOLD PLATE OVER NICKEL PLATE	HOUSING COUPLING NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM-A 582, TYPE 303	PASSIVATE PER QQ-P-35
DIELECTRIC	POLYPROPYLENE, GF	N/A	DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CABLE: JACKET	FEP FLUOROCARBON PER ASTM-D2116	N/A	CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197, ALLOY C17300, COND H OR BRASS PER ASTM-B-16	GOLD PLATE PER MIL-G-45204
SHIELD	COPPER WIRE, 44AWG	SILVER PLATED	RETAINING RING	BERYLLIUM COPPER PER ASTM-B-194, ALLOY C17200, CONDITION H	N/A
DIELECTRIC	PTFE FLUOROCARBON PER ASTM-D1457	N/A	GASKET	SILICONE RUBBER PER ZZ-R-765	N/A
CENTER CONDUCTOR	COPPER CLAD STEEL, 30AWG	SILVER PLATED	FERRULE	COPPER OR BRASS ALLOY ROCKWELL F65 MAXIMUM	NICKEL PLATE PER QQ-N-290
ELECTRICAL: Frequency	DC - 6 GHz		SHRINK TUBING	HEAT SHRINKABLE POLYOLEFIN COMPOUND PER MIL-I-23053/4	N/A
Nominal Impedance	50 ohms				
Voltage Rating	250 Volts (VRMS Max.) @ Sea Level				
VSWR:	1.20:1 Max. @ 2GHz 1.40:1 Max. @ 6GHz				
Insulation Resistance	1,000 Megohms Minimum @ 250VDC				
Dielectric Withstanding Voltage	500 Volts (VRMS Minimum) @ Sea Level				
MECHANICAL: Connector Durability	100 mating cycles				
ENVIRONMENTAL: TEMPERATURE RATING	-40°C(-40°F) TO +125°C(257°F)				

COMPONENT	MATERIAL	FINISH

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN DC	10/18/96	tyco Electronics	Tyco Electronics Corporation Harrisburg, PA 17105-3608	
CHK -	-			
APVD DC	10/21/96	NAME	SSMT RIGHT ANGLE JACK TO SMA RIGHT ANGLE PLUG INTERSERIES CABLE ASSEMBLY	
PRODUCT SPEC	-	SIZE	CAGE CODE	DRAWING NO
APPLICATION SPEC	-	A2	00779	C=1080893
WEIGHT	-	SCALE	4:1	SHEET 1 of 1
CUSTOMER DRAWING		REV	B	