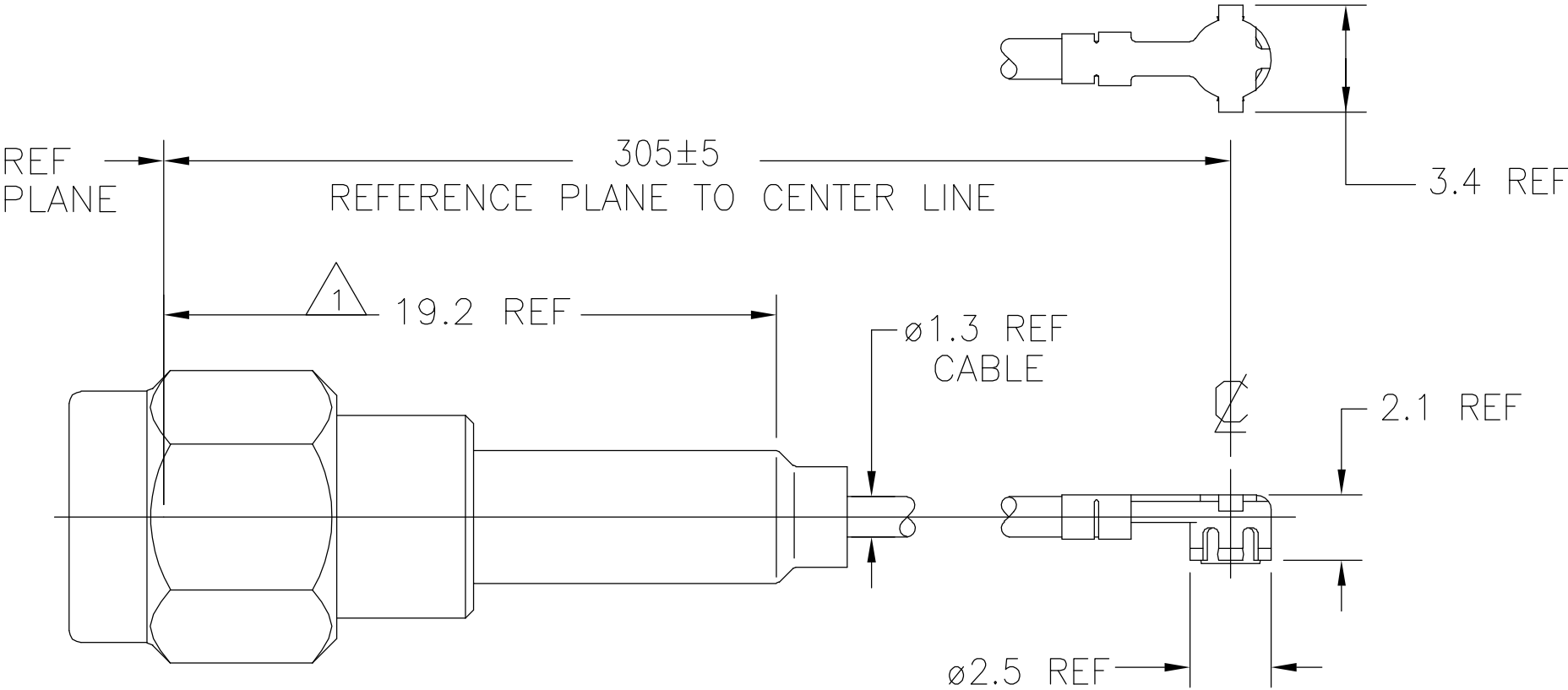




1 THIS DIMENSION REPRESENTS THE LENGTH FROM THE CONNECTOR REFERENCE PLANE TO THE CABLE EXIT POINT (VISIBLE CABLE)

2 ELECTRICAL PERFORMANCE SHOWN FOR SSMT CONNECTOR AND CABLE ONLY FOR CABLE ASSEMBLY DATA CONSULT FACTORY

SMA CONNECTOR		
HOUSING & COUPLING NUT	STAINLESS STEEL	PASSIVATE
CENTER CONTACT	BERYLLIUM COPPER	GOLD PLATE
INNER CONTACT	BERYLLIUM COPPER	GOLD PLATE
DIELECTRIC	TETRAFLUOROETHYLENE (TFE)	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
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
INSULATING DISK	POLYESTER	N/A
COMPONENT	MATERIAL	FINISH

<u>ELECTRICAL</u>					
FREQUENCY NOMINAL IMPEDENCE VOLTAGE RATING VSWR (MATED CONNECTORS ONLY) INSULATION RESISTANCE DIELECTRIC WITHSTANDING VOLTAGE		DC — 6 GHz 50 OHMS 250 VOLTS (VRMS MAX) @ SEA LEVEL 1.20:1 MAX @ 2 GHz 1.40:1 MAX @ 6 GHz 1,000 MEGOHMS MIN @ 250VDC 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			
		CHK KE WEIDNER 04MAY2006			
		APVD KE WEIDNER 04MAY2006			
DIMENSIONS: mm		PRODUCT SPEC			
		APPLICATION SPEC			
		NAME			
		SSMT RIGHT ANGLE JACK TO SMA STRAIGHT PLUG INTERSERIES CABLE ASSEMBLY			
MATERIAL		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
-		A2	00779	C=1408438	-
		CUSTOMER DRAWING			
		SCALE		NTS	SHEET
				1	OF 1
				REV	B