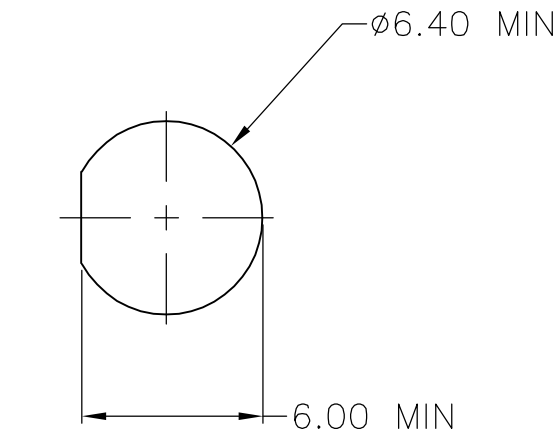
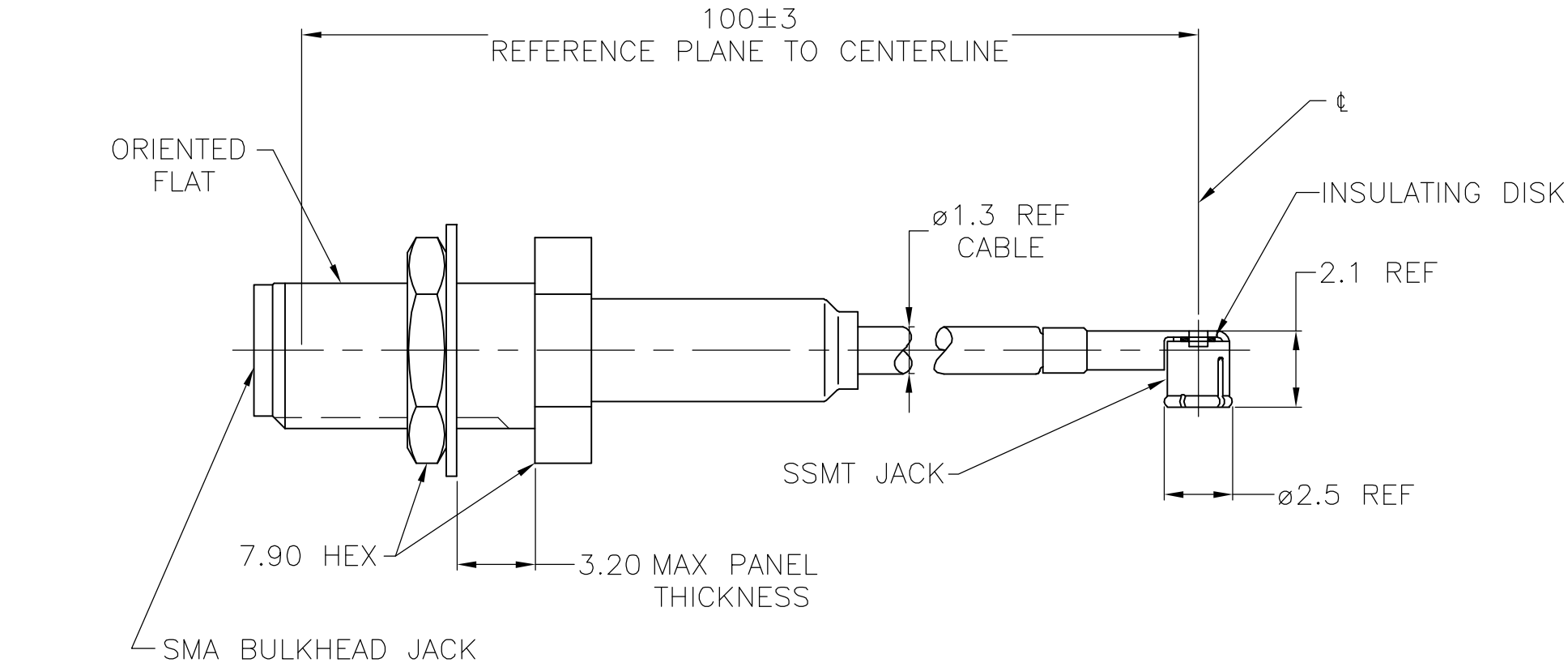
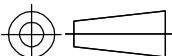




1. PERFORMANCE SHOWN FOR SSMT CONNECTOR AND CABLE ONLY.
FOR CABLE ASSEMBLY DATA CONSULT FACTORY.
2. FLAT ORIENTED AS SHOWN TO WITHIN 90°±30° OF SSMT CENTERLINE

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 PLATED
DIELECTRIC	POLYTETRAFLUOROETHYLENE (PTFE)	N/A
CENTER CONDUCTOR	COPPER CLAD STEEL, 30 AWG	SILVER PLATED
INSULATING DISK	POLYESTER	N/A
COMPONENT	MATERIAL	FINISH

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)

PRODUCT SPEC														
THIS DRAWING IS A CONTROLLED DOCUMENT.			DWN DK SCHRUM	11MAY2006	tyco Electronics Tyco Electronics Corporation Harrisburg, PA 17105-3608									
			CHK KE WEIDNER	11MAY2006										
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:			NAME SSMT RIGHT ANGLE JACK TO SMA BULKHEAD JACK INTERSERIES CABLE ASSEMBLY									
		APVD KE WEIDNER								PRODUCT SPEC — APPLICATION SPEC —				
		11MAY2006												
MATERIAL —		FINISH —			WEIGHT —		SIZE A2		CAGE CODE 00779		DRAWING NO C=1064544		RESTRICTED TO —	
CUSTOMER DRAWING					SCALE 4:1		SHEET 1 of 1		REV B					