

NOTES:

ALL DIMENSIONS ARE NOMINAL FOR REFERENCE ONLY UNLESS OTHERWISE STATED;

ELECTRICAL CHARACTERISTICS :

FREQUENCY RANGE : DC-12 GHz

NOMINAL IMPEDANCE : 50 OHMS

INSULATION RESISTANCE : >500 MOHMS

WORKING VOLTAGE : 60 VRMS MAX

DIELECTRIC WITHSTANDING VOLTAGE : >200 VOLTS

VSWR : <1.6@DC~12GHz

MECHANICAL CHARACTERISTICS :

DURABILITY :>500 CYCLES (SMA)
>30 CYCLES (MHF4L)

CABLE RETENTION FORCE : >1.5 Kg

CABLE STATIC BENDING RADIUS : >5 MM

ENVIRONMENTAL PARAMETER

TEMPERATURE RANGE: -40°C TO +85°C

RoHS: COMPLIANT.

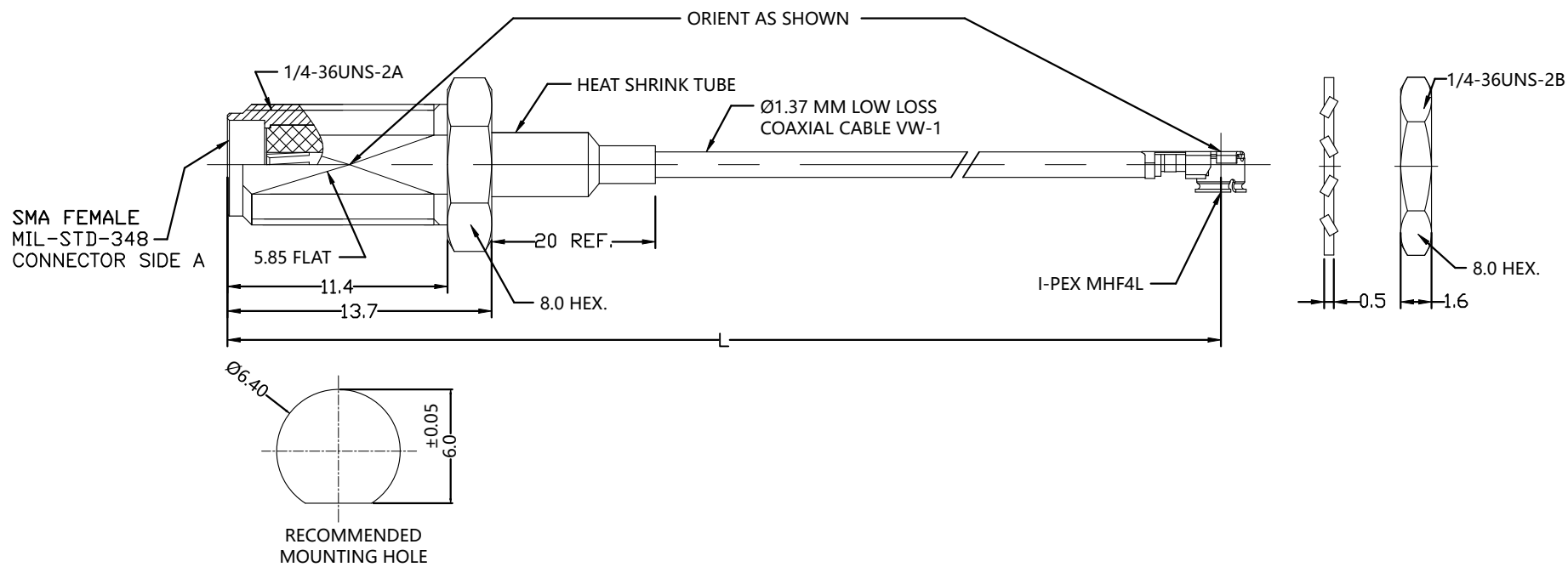
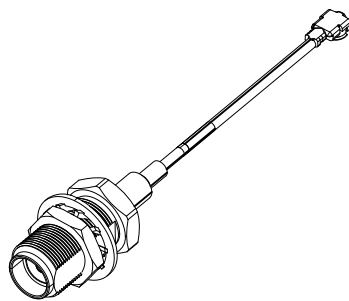
CONNECTOR SIDE A

CENTER CONTACT: BERYLLIUM COPPER, 3 MICROINCHES GOLD PLATED, 100 MICROINCHES OVER NICKEL UNDERPLATED, 50 MICROINCHES OVER COPPER UNDERPLATED

INSULATION: PTFE ASTM-D-1710

BODY,FERRULE: BRASS, 3 MICROINCHES GOLD PLATED, 100 MICROINCHES OVER NICKEL UNDERPLATED, 50 MICROINCHES OVER COPPER UNDERPLATED.

NUT,WASHER: 3 MICROINCHES GOLD PLATED, 100 MICROINCHES OVER NICKEL UNDERPLATED, 50 MICROINCHES OVER COPPER UNDERPLATED.



			1	1	1	PC	/	MHF4L CONNECTOR	3
						mm	/	ø1.37 MM LOW LOSS C-CABLE VW-1	2
			1	1	1	PC	/	SMA FEMALE CONNECTOR	1
			-3	-2	-1	U/N	TEPN	DESCRIPTION	ITEM
QUANTITY PER ASSY							PARTS LIST		

TEPN		L(mm)	INSERTION LOSS	
2492541-1		100±5	<1.10 dB@8GHz	<1.55 dB@12GHz
2492541-2		200±5	<1.70 dB@8GHz	<2.50 dB@12GHz
2492541-3		300±5	<2.35 dB@8GHz	<3.30 dB@12GHz

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN TP 18MAR2025	TE Connectivity			
		CHK TP 18MAR2025				
DIMENSIONS: mm		APVD WK 18MAR2025	NAME SMA JACK BULKHEAD TO MHF4L 1.37LL			
		PRODUCT SPEC	-			
		APPLICATION SPEC	-			
MATERIAL SEE NOTED		WEIGHT -	SIZE A3	CAGE CODE 00779	DRAWING NO C-2492541	RESTRICTED TO -
CUSTOMER DRAWING			SCALE 1:1	SHEET 1 OF 1	REV A	