

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A1	ECN-24-283772; DWG DESCRIPTION CHANGED	10SEP2024	TP	WH

NOTES:

ALL DIMENSIONS ARE NOMINAL FOR REFERENCE ONLY UNLESS OTHERWISE STATED;

RoHS: COMPLIANT.

SPECIFICATIONS:

IMPEDANCE: 50Ω

FREQUENCY: DC TO 26.5 GHz

VSWR: DC TO 18 GHz 1.28 max.
18 TO 26.5 GHz 1.6 max.
RETURN LOSS: DC TO 18 GHz 18.22 dB min.
18 to 26.5 GHz 12.74 dB min.

INSERTION LOSS: 0.26 dB max.

CONTACT RESISTANCE:
CENTER: 10 milliohms max.
OUTER: 2 milliohms max.

INSULATION RESISTANCE: 5000 MΩ

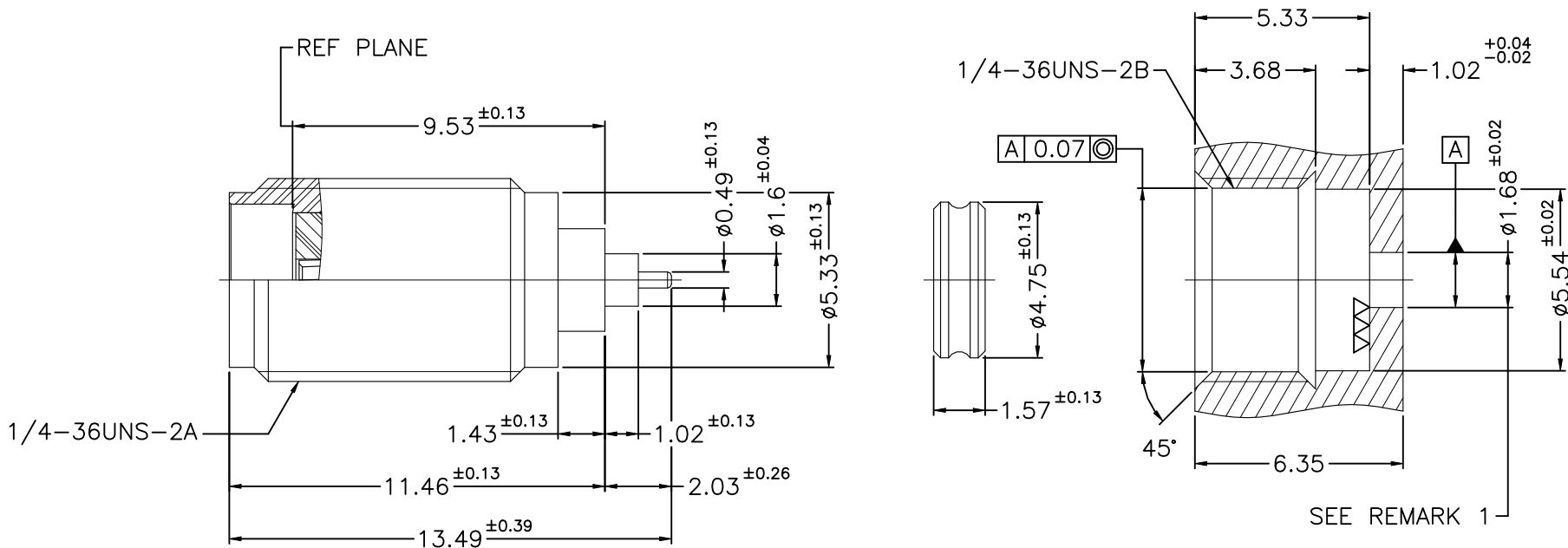
TEMPERATURE RANGE: -65°C TO +165°C

DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS.

ENGAGEMENT AND DISENGAGEMENT FORCE:
ENGAGEMENT: 2 in-lbs max.
DISENGAGEMENT: 2 in-lbs max.

CONTACT RETENTION: 6 lbs.min

LEAK TEST: 1X10-8 atm.cc/sec

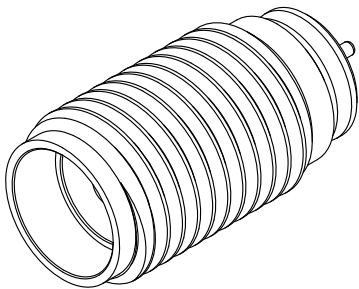


RECOMMENDED MOUNTING HOLE
REMARK 1: OR PER CUSTOMER APPLICATION


NOTES:

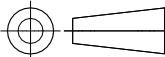
FINISH (PLATING THICKNESS IN MICRO-INCHES)

1. ELECTROLESS NICKEL PL. 100 MIN. THICK
2. GOLD PL. 100 MIN. THICK OVER ELECTROLESS NICKEL PL. 100 MIN. THICK
3. GOLD PL. 50 MIN. THICK OVER ELECTROLESS NICKEL PL. 100 MIN. THICK
4. BRIGHT TIN PL. 200 MIN. THICK OVER NICKEL PL. 50 MIN. THICK OVER COPPER PL. 50 MIN. THICK



	1	NOTE 4	IRON-NI-COBALT	METAL GASKET	5
	1	NATURAL	PTFE	INSULATOR	4
	1	NOTE 3	BERYLLIUM-COP	CONTACT PIN	3
	1	NATURAL	PTFE	INSULATOR	2
	1	NOTE 2	IRON-NI-COBALT	SUB-ASSEMBLY	1
	1	GREEN	GLASS(Neg BH-14G/K)		
	1	NOTE 2	IRON-NI-COBALT		
	1	NOTE 1	STAINLESS STEEL		
	2485921-1	FINISH/PLATING	MATERIAL	DESCRIPTION	ITEM
		PARTS LIST			
		QUANTITY PER ASSY			

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN TP 25APR2024	 TE Connectivity		
		CHK TP 25APR2024			
		APVD WH 25APR2024	NAME SMA Jack St Hermetic Panel Feedthru 26.5 G		
		PRODUCT SPEC SEE NOTE			
		APPLICATION SPEC —			
		WEIGHT 1.43g	SIZE A3	CAGE CODE 00779	RESTRICTED TO —
		CUSTOMER DRAWING	SCALE 1:1	SHEET 1 OF 1	REV A1

DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:
	0 PLC ± 0.3 1 PLC ± 0.2 2 PLC ± 0.1 3 PLC ± 0.05 4 PLC ± — ANGLES ± 5
MATERIAL SEE NOTE	FINISH SEE TABLE

Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[2485921-1](#)