

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	ECN-24-279991;GTP	19AUG2024	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.

DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS

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

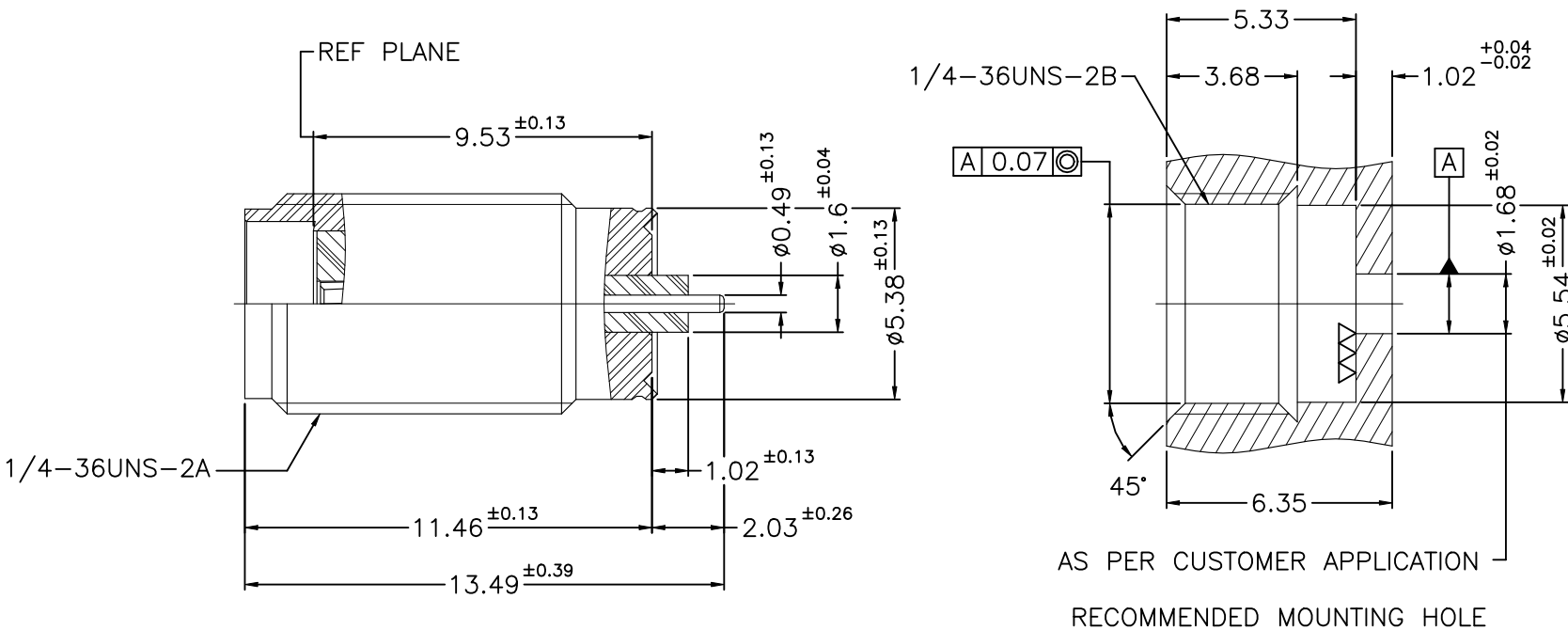
INSULATION RESISTANCE: 5000 MΩ

TEMPERATURE RANGE: -65°C TO +165°C

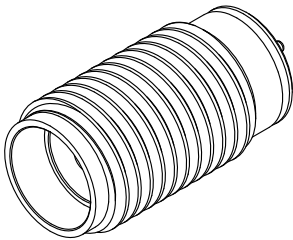
ENGAGEMENT AND DISENGAGEMENT FORCE:
ENGAGEMENT: 2 in-lbs max.
DISENGAGEMENT: 2 in-lbs max.

CONTACT RETENTION: 6 lbs. min.

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



- NOTES:
- FINISH (PLATING THICKNESS IN MICRO-INCHES)
- 1. GOLD PL. 50 MIN. THICK OVER ELECTROLESS NICKEL PL. 100 MIN. THICK
 - 2. GOLD PL. 100 MIN. THICK OVER ELECTROLESS NICKEL PL. 100 MIN. THICK



	1	NATURAL	PTFE	INSULATOR	4
	1	NOTE 1	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		
	2485922-1	FINISH/PLATING	MATERIAL	DESCRIPTION	ITEM
QUANTITY PER ASSY		PARTS LIST			

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN TP 14JUNE2024	TE Connectivity		
		CHK TP 14JUNE2024			
		APVD WH 14JUNE2024	NAME SMA Jack Hermetic PNL F-Thru Knife Edge		
		PRODUCT SPEC SEE NOTES			
		APPLICATION SPEC			
		—	SIZE A3	CAGE CODE 00779	DRAWING NO C-2485922
		WEIGHT 1.34g	RESTRICTED TO —		
CUSTOMER DRAWING		SCALE 1:1	SHEET 1 OF 1	REV A	

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 TABLE		FINISH SEE TABLE	