

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 18GHz

VSWR/RL: 1.2 max./ 20.83dB min.@DC~6GHz.
1.3 max./ 17.69dB min.@6~12.4GHz.
1.42 max./ 15.21dB min.12.4~18GHz

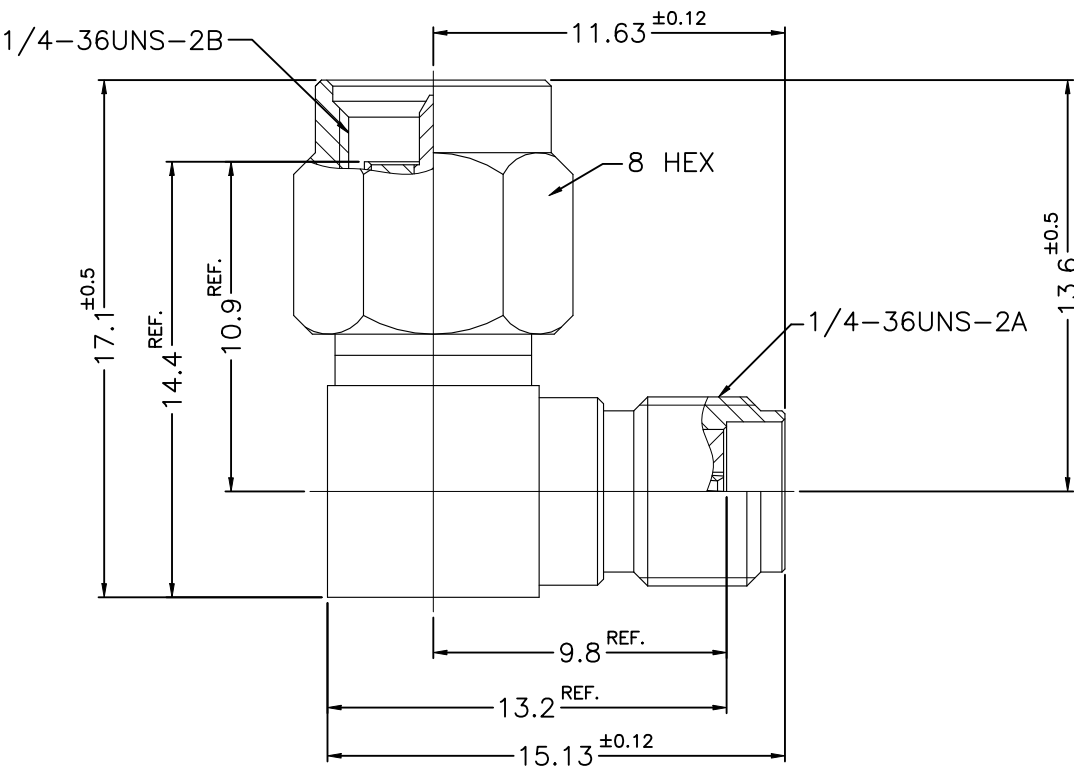
INSERTION LOSS: 0.35 dB max.

CONTACT RESISTANCE:
CENTER: 3 milliohms max.
OUTER: 2 milliohms max.

TEMPERATURE RANGE: -65°C TO +165°C

DURABILITY: 500 cycles min.

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

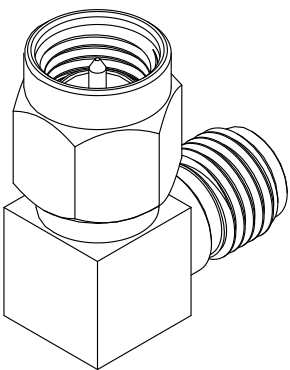


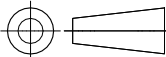
NOTES:

FINISH (PLATING THICKNESS IN MICRO-INCHES)

- GOLD PL. 10 MIN. THICK OVER ELECTROLESS NICKEL PL. 150 MIN. THICK
- GOLD PL. 35 MIN. THICK OVER ELECTROLESS NICKEL PL. 150 MIN. THICK
- GOLD PL. 50 MIN. THICK OVER NICKEL PL. 50 MIN. THICK OVER COPPER PL. 50 MIN. THICK
- NICKEL PL. 100 MIN. THICK OVER COPPER PL. 50 MIN. THICK

	1	NOTE 2	STAINLESS STEEL	COVER	9
	1	NOTE 1	STAINLESS STEEL	SHELL	8
	1	NOTE 4	BERYLLIUM-COP	RETAINER RING	7
	1	RED	SILICONE	GASKET	6
	1	NOTE 3	BERYLLIUM-COP	CONTACT PIN	5
	1	NOTE 2	STAINLESS STEEL	BODY	4
	1	NOTE 3	BERYLLIUM-COP	CONTACT PIN	3
	1	NATURAL	PTFE	INSULATOR	2
	1	NOTE 2	STAINLESS STEEL	HOUSING	1
	2485919-1	FINISH/PLATING	MATERIAL	DESCRIPTION	ITEM
QUANTITY PER ASSY		PARTS LIST			



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN TP	27JUN2024	 TE Connectivity	
		CHK TP	27JUN2024		
		APVD WH	27JUN2024		
		PRODUCT SPEC			
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME SMA Plug to SMA Jack RA 17.1mm 18 G SUS	
		0 PLC	± 0.3	—	
		1 PLC	± 0.2		
		2 PLC	± 0.1		
		3 PLC	± 0.05		
		4 PLC	± —		
		ANGLES	± 5		
MATERIAL		FINISH		SIZE	RESTRICTED TO
SEE TABLE		SEE TABLE		CAGE CODE	—
				DRAWING NO	
		WEIGHT		—	
		5.5g		—	
		CUSTOMER DRAWING		SCALE	1:1
				SHEET	1 OF 1
				REV	A