

NOTES:

ALL DIMENSIONS ARE NOMINAL FOR REFERENCE ONLY UNLESS OTHERWISE STATED.

RoHS: COMPLIANT.

SPECIFICATIONS:

IMPEDANCE: 50Ω

FREQUENCY: DC to 6GHz

VSWR: <1.3

CONTACT RESISTANCE:
CENTER: <1.5 milliohms.
OUTER: <0.2 milliohms.

VOLTAGE RATING: 500 V (rms)

DIELECTRIC WITHSTANDING VOLTAGE: >1500V

INSULATION RESISTANCE: >5000mΩ

MECHANICAL CHARACTERISTICS

CENTER CONTACT RETENTION FORCE: >6 lbs

DURABILITY: >500 CYCLES.

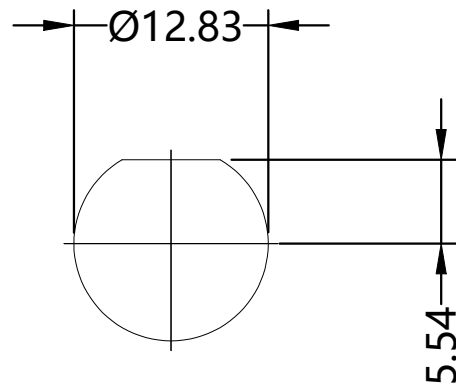
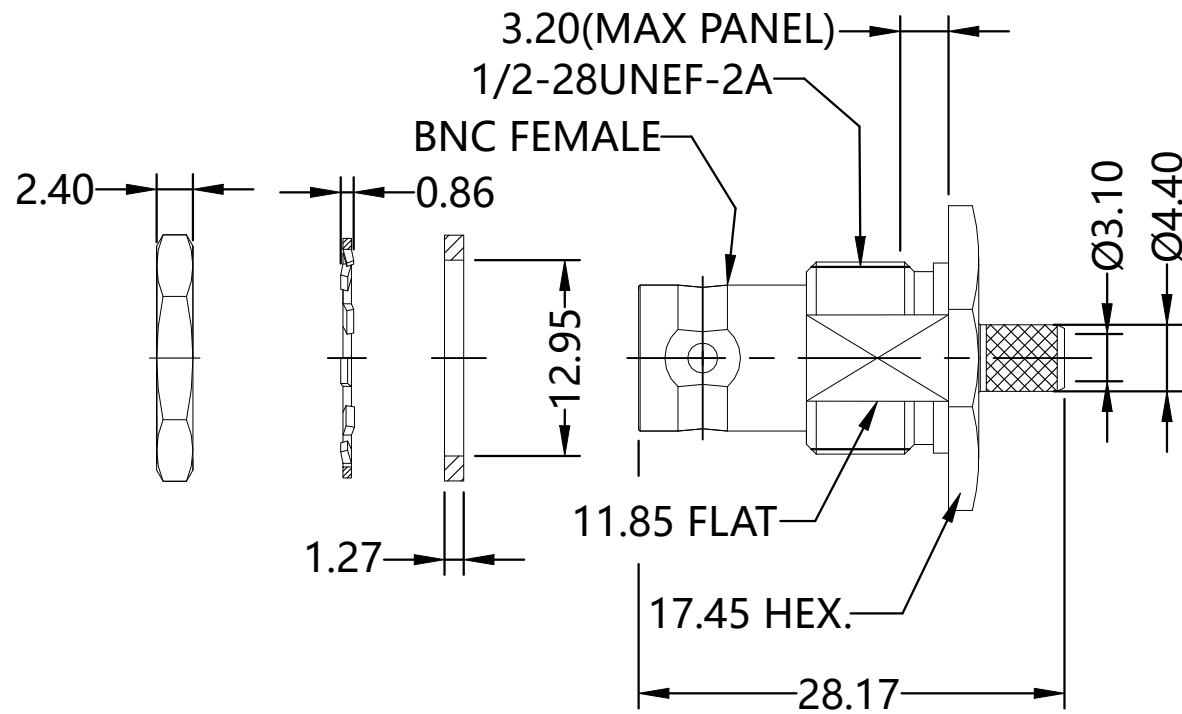
ENVIRONMENTAL PARAMETER

TEMPERATURE RANGE: -40°C TO +165°C

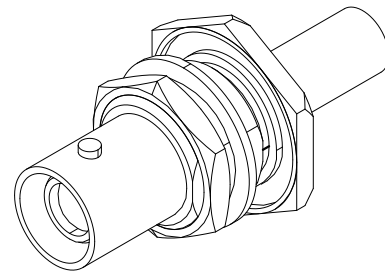
THERMAL SHOCK: MIL-STD 202,METH.107,COND.B

VIBRATION: MIL-STD 202,METH.204,COND.B

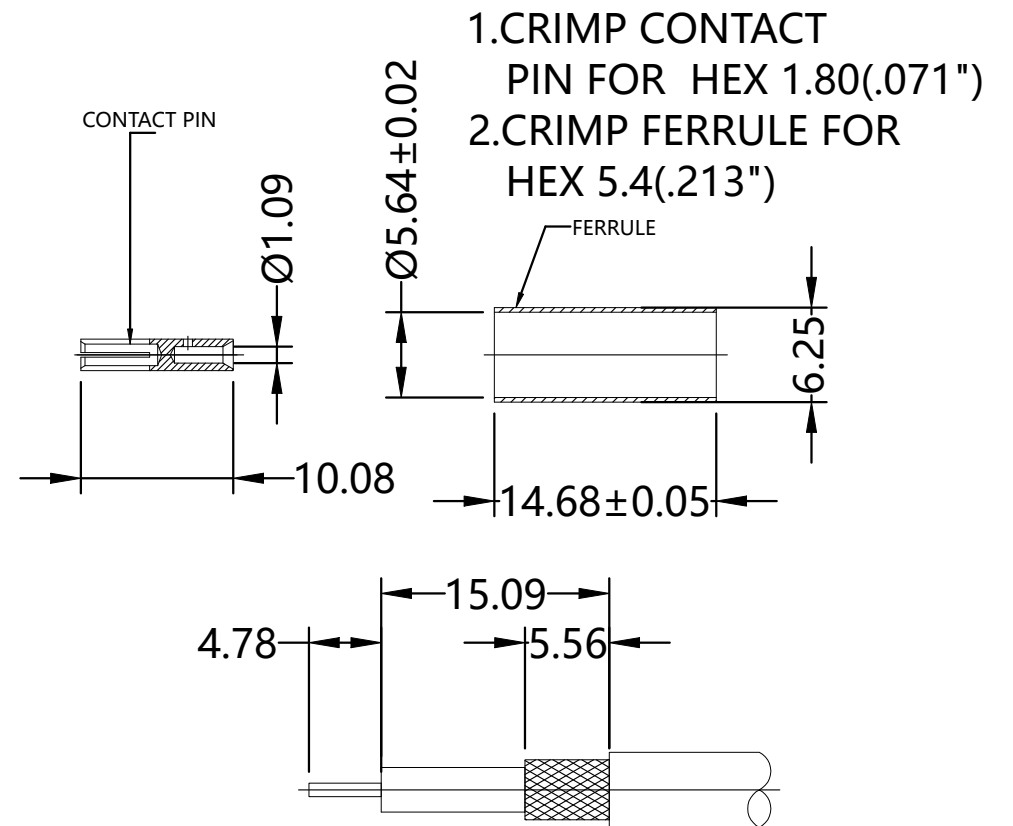
SHOCK :MIL-STD 202,METH.213,COND.G



RECOMMENDED PANEL CUTOUT



REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	ECN-24-280748;GTP	21AUG2024	TP	WH

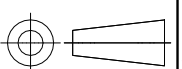


RECOMMENDED PANEL CUTOUT

NOTES:
FINISH (PLATING THICKNESS IN MICRO-INCHES)

- 1 NICKEL PL. 100u"/COPPER PL. 50u"
- 2 GOLD PL. 30u"/NICKEL PL. 50u"
- 3 TIN PL. 100u"

	1	NOTE 3	BRASS	FERRULE	7
	1	NATURAL	SILICONE	GASKET	6
	1	NOTE 1	P - BRONZE	LOCK WASHER	5
	1	NOTE 1	BRASS	NUT	4
	1	NOTE 2	Be-Cu C17300	CONTACT PIN	3
	1	NATURAL	PTFE ASTM-D-1710	INSULATOR	2
	1	NOTE 1	BRASS C3604	BODY	1
	2486505-1	FINISH/PLATING	MATERIAL	DESCRIPTION	ITEM
QUANTITY PER ASSY			PARTS LIST		

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN TP	02MAY2024	 TE Connectivity	
		CHK TP	02MAY2024		
		APVD WH	02MAY2024		
		PRODUCT SPEC			
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME BNC JACK ST CRIMP RG-142-U 50 OHM	
		0 PLC	± 0.3	—	
		1 PLC	± 0.2		
		2 PLC	± 0.1		
		3 PLC	± 0.05		
		4 PLC	± —	—	
		ANGLES	± 5	—	
MATERIAL		FINISH	—	—	
SEE TABLE				—	
		WEIGHT	18.02 g	—	
		CUSTOMER DRAWING		—	
		SCALE	1:1	—	
		SHEET	1 OF 1	—	
		REV	A	—	

Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[2486505-1](#)