

NOTES:

ALL DIMENSIONS ARE NOMINAL FOR REFERENCE ONLY UNLESS OTHERWISE STATED.
RoHS: COMPLIANT.

ELECTRICAL SPECIFICATIONS:

IMPEDANCE: 50Ω
FREQUENCY: DC to 6GHz
VOLTAGE RATING: 500 V (rms)
DIELECTRIC WITHSTANDING VOLTAGE: >1500V
INSULATION RESISTANCE: >5000mΩ
PRODUCT WEIGHT: 23.734g

CONTACT RESISTANCE:

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

MECHANICAL CHARACTERISTICS:

DURABILITY: ≥500 CYCLES
RECOMMENDED COUPLING TORQUE : 8-12 inlbs
COUPLING NET RETENTION FORCE : >100lbs

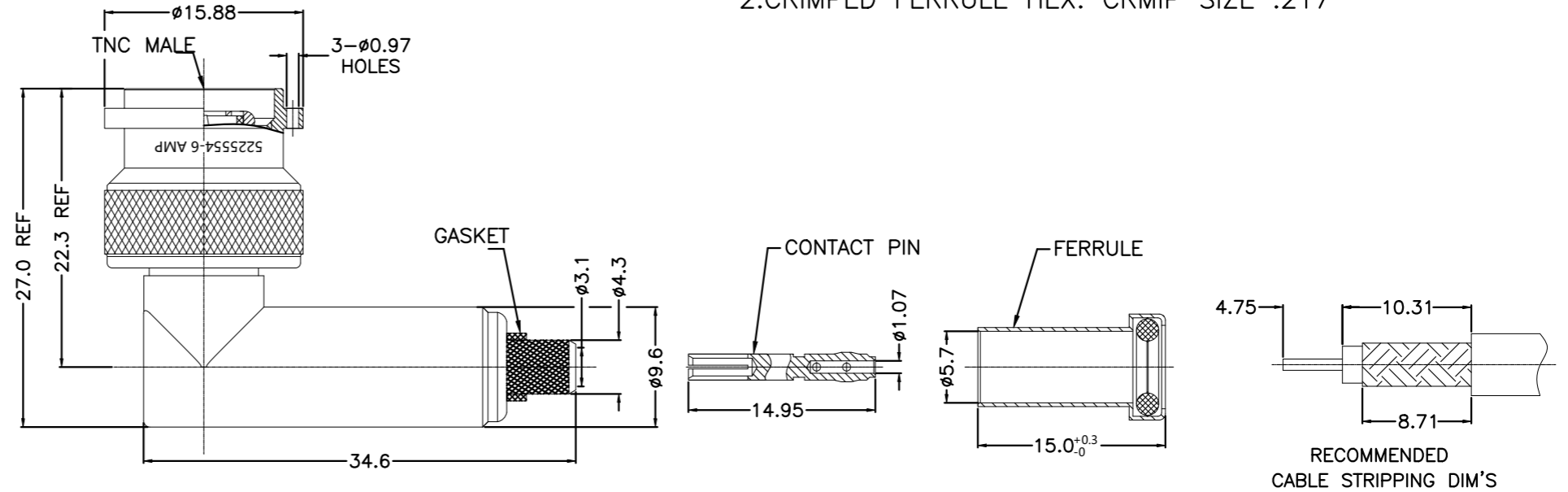
ENVIRONMENTAL PARAMETER:

TEMPERATURE RANGE: -40°C TO +165°C
CORROSION: MIL-STD 202,METH.101,COND.B
THERMAL SHOCK: MIL-STD 202,METH.107,COND.B
VIBRATION: MIL-STD 202,METH.204,COND.B
SHOCK : MIL-STD 202,METH.213,COND.I

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	REVISED AS PER ECN-25-359222	15DEC2025	YS	WZ

- CONTACT PIN TO SOLDER OR CRIMP, CRIMP SIZE .080" HEX.
- CRIMPED FERRULE HEX. CRIMP SIZE .217"



NOTES:

FINISH (PLATING THICKNESS IN MICRO-INCHES)

- 50 MICROINCHES MIN GOLD PLATED,
50 MICROINCHES MIN OVER NICKEL UNDERPLATED.
10 MICROINCHES MIN OVER COPPER UNDERPLATED.
- 200 MICROINCHES MIN SILVER PLATED,
100 MICROINCHES MIN OVER COPPER UNDERPLATED.

1	NOTE 2	BRASS	FERRULE	6
1	NOTE 2	BRASS	SHELL	5
1	RED	SILICONE	GASKET	4
1	NOTE 1	BeCu	CONTACT PIN	3
1	N/A	PTFE MIL-P-19468	INSULATOR	2
1	NOTE 2	BRASS	BODY	1
5225554-6	FINISH/PLATING	MATERIAL	DESCRIPTION	ITEM
QUANTITY PER ASSY		PART LIST		

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN SARGUNAM, YAZHINI 23SEP2025	TE Connectivity		
DIMENSIONS: mm		CHK CHEE, TSHUPIN 23SEP2025			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD ZI, WILL 23SEP2025	NAME PLUG RIGHT ANGLE WEATHERPROOF, SERIES TNC		
0 PLC ± - 1 PLC ± 0.3 2 PLC ± 0.2 3 PLC ± 0.1 4 PLC ± - ANGLES ± 5		PRODUCT SPEC -	APPLICATION SPEC -		
MATERIAL -		FINISH -	SIZE A3	CAGE CODE 00779	DRAWING NO C-5225554-6
		WEIGHT 0	RESTRICTED TO -		
CUSTOMER DRAWING			SCALE 1:1	SHEET 1 OF 1	REV A