

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:

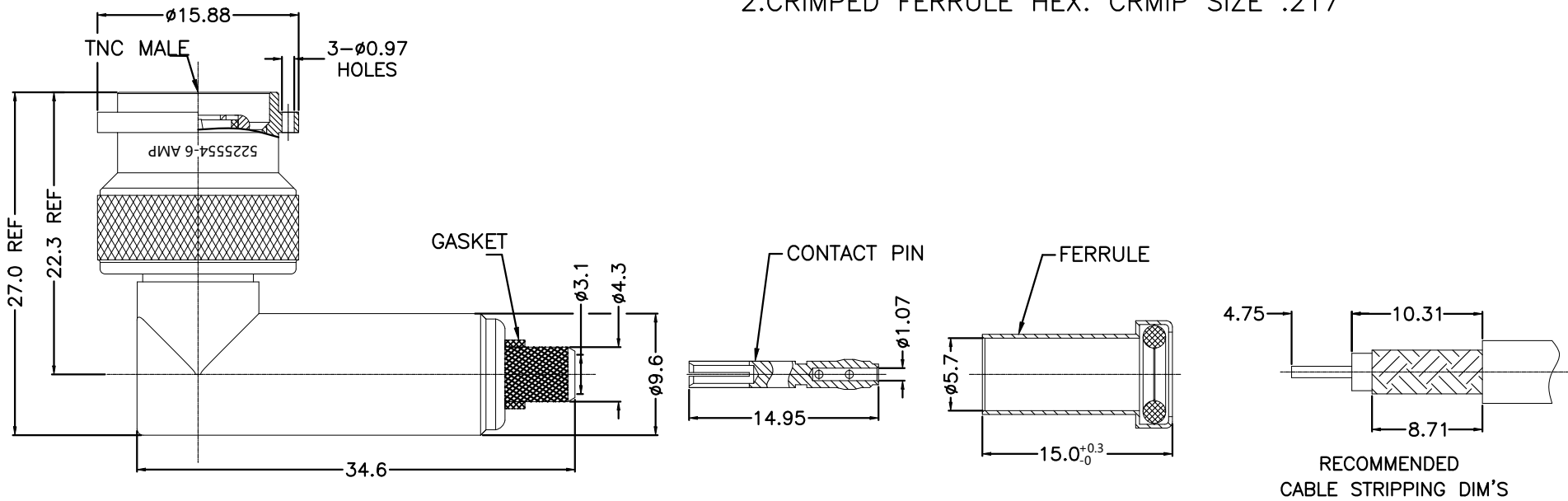
DURABILITY: ≥500 CYCLES
RECOMMANDED COUPLING TORQUE : 8–12 inlbs
COUPLING NET RETENTION FORCE : >100lbs

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
	A1	REVISED AS PER ECN–26–376322	16MAR2026	YS	WZ

- 1.CONTACT PIN TO SOLDER OR CRIMP, CRMIP SIZE .080” HEX.
- 2.CRIMPED FERRULE HEX. CRMIP SIZE .217”



- NOTES:
- FINISH (PLATING THICKNESS IN MICRO–INCHES)

1. 50 MICROINCHES MIN GOLD PLATED,
50 MICROINCHES MIN OVER NICKEL UNDERPLATED.
10 MICROINCHES MIN OVER COPPER UNDERPLATED.
2. 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
522554–6	FINISH/PLATING	MATERIAL	DESCRIPTION	ITEM
QUANTITY PER ASSY		PART LIST		

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN SARGUNAM, YAZHINI CHK CHEE, TSHUPIN APVD ZI, WILL PRODUCT SPEC — APPLICATION SPEC — WEIGHT 0	23SEP2025 23SEP2025 23SEP2025	TE Connectivity	
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	NAME TNC MALE R/A FOR RG–142/U, 142/U, 142B/U			
	0 PLC ± – 1 PLC ± 0.3 2 PLC ± 0.2 3 PLC ± 0.1 4 PLC ± – ANGLES ± 5	SIZE A3	CAGE CODE 00779	DRAWING NO C–5225554–6	RESTRICTED TO —
MATERIAL —	FINISH —	CUSTOMER DRAWING			SCALE 1:1
				SHEET 1 OF 1	REV A1