

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	GTP PER ECN-25-321146	13MAY2025	ED	WZ

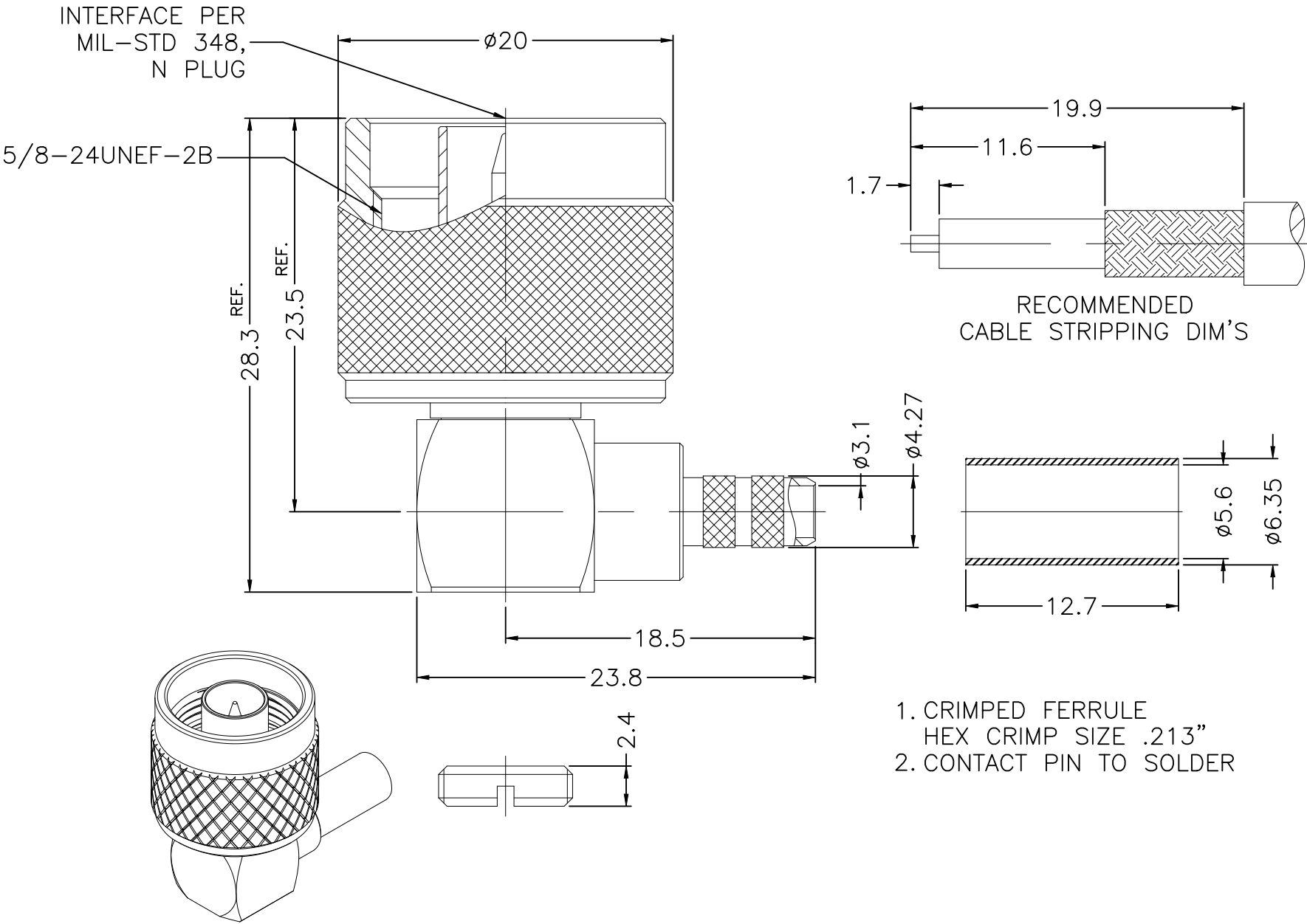
MATERIALS AND PLATING		UNIT: MICRO-INCHES
PART NAME	MATERIAL	PLATING
BODY/SHELL	BRASS	ALBALOY 80u”
CONTACT PIN	BRASS	GOLD 5u”/COPPER 50u”
INSULATOR	PTFE	N/A
FERRULE	BRASS	ALBALOY 80u”
GASKET	SILICONE(RED)	N/A
RETAINER RING	SUS304	PASSIVATED

ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50 Ω
VOLTAGE RATING	330 V(rms)
FREQUENCY RANGE	DC-6 GHz
DIELECTRIC WITHSTANDING VOLTAGE	>1000 V
CONTACT RESISTANCE	CENTER CONTACT <1.5 mΩ
	OUTER CONTACT <1mΩ
INSULATION RESISTANCE	>5000 MΩ
INSERTION LOSS	N/A
VSWR	<1.3(DC-6GHz)
3RD INTERMODULATION	N/A

MECHANICAL CHARACTERISTICS	
DURABILITY	> 500 cycles

ENVIRONMENTAL PARAMETER	
TEMPERATURE RANGE	−65 °C~+165 °C
WATERPROOF	N/A
THERMAL SHOCK	MIL- STD 202, Meth. 107,Cond. B
VIBRATION	MIL- STD 202, Meth. 204,Cond. D
SHOCK	MIL- STD 202, Meth. 213,Cond. I
CORROSION	MIL- STD 202, Meth. 101,Cond. B

- NOTES:
- 1 ALL DIMENSIONS ARE NOMINAL FOR REFERENCE ONLY UNLESS OTHERWISE STATED;
 - 2 CONTACT PIN SOLDER WITH CABLE.
CRIMP DIMENSION FOR FERRULE IS .213” HEX.
 - 3 BAG PACKAGING;
 - 4 RoHS: COMPLIANT.



–	2504639–1
MARK	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN ED CHK TP APVD WH	18MAR2025 18MAR2025 18MAR2025	TE Connectivity		
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME N Plug RA Crimp RG-142 RG-223 RG-400		
		0 PLC ± 0.3 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-2504639
CUSTOMER DRAWING		SCALE 1:1		SHEET 1 OF 1	REV A	