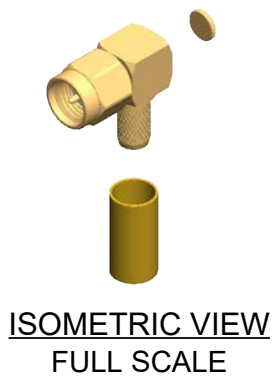
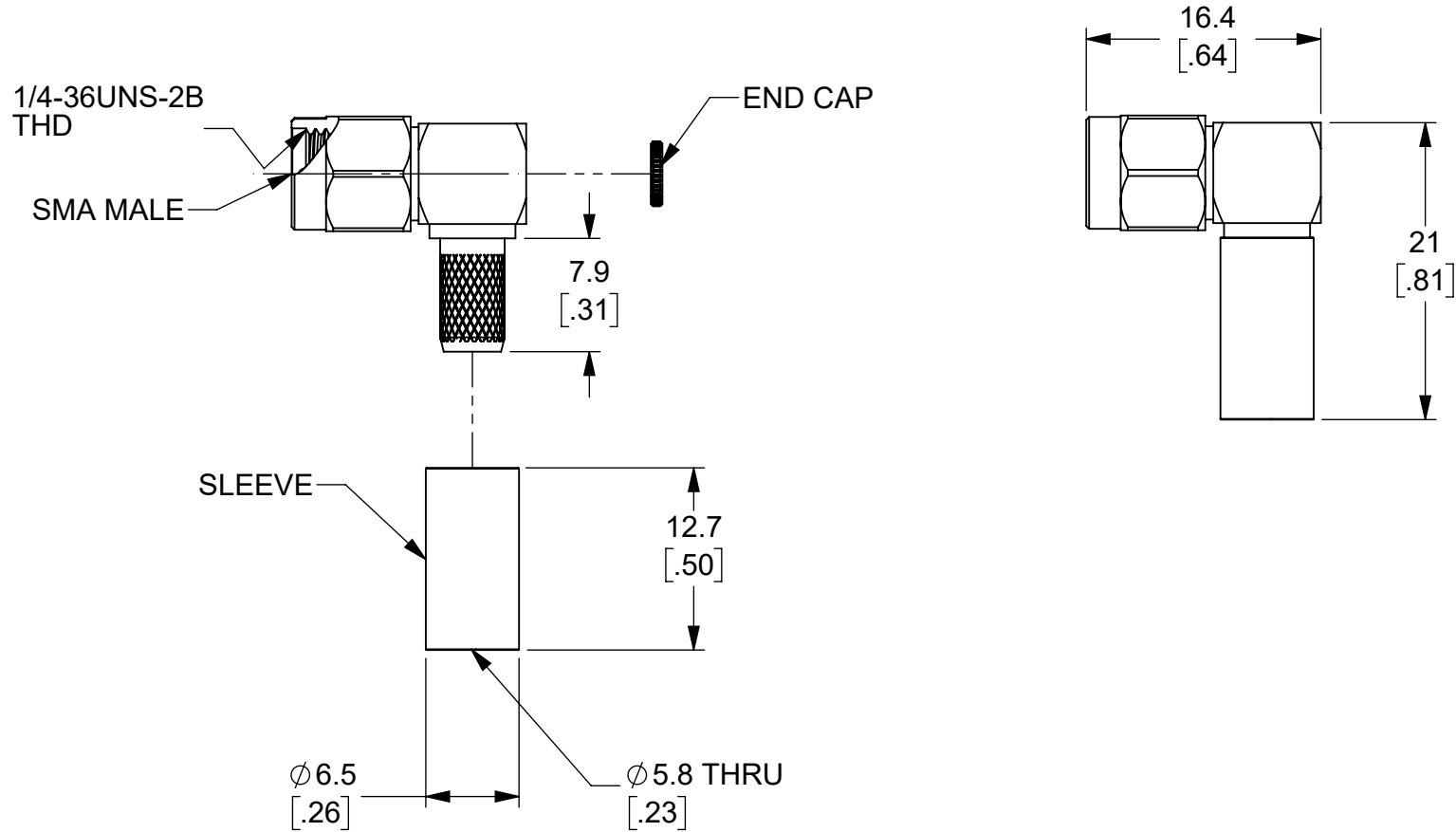


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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	11/15/2023	B. Hansen


- NOTES:**
- ALL SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.
 - ADAPTER TO MEET OR EXCEED ALL SPECIFICATIONS PER MIL-PRF-39012.
 - MATING DIMENSIONS IN ACCORDANCE WITH MIL-STD-348.
 - FREQUENCY RANGE SPECIFICATIONS ARE FOR REFERENCE AND ARE DEPENDENT ON CABLE TYPE AND OTHER APPLICATIONS SPECIFIC CONDITIONS.
 - MATERIAL:
 - BODY: BRASS, GOLD PLATED
 - CENTER CONTACT: BRASS, GOLD PLATED
 - SLEEVE: BRASS GOLD PLATED
 - END CAP: BRASS, GOLD PLATED
 - DIELECTRIC: PTFE
 - ELECTRICAL:
 - IMPEDANCE: 50 Ω
 - FREQUENCY: DC - 12 GHz
 - WORKING VOLTAGE: 335 Vrms
 - CABLE TYPE:
 - THE CT4499 IS INTENDED TO BE USED WITH THE FOLLOWING TYPES OF CABLE:
 - RG-142
 - RG-223
 - RG-400
 - ASSEMBLY INSTRUCTIONS ON SHEET 2 OF 2.
 - MECHANICAL:
 - RECOMMENDED TORQUE: 0.3 Nm TO 0.6 N
 - TEMPERATURE RANGE: -65°C TO +125°C
 - CENTER CONTACT CAPTIVATED: ≥27N
 - RoHS AND REACH COMPLIANT

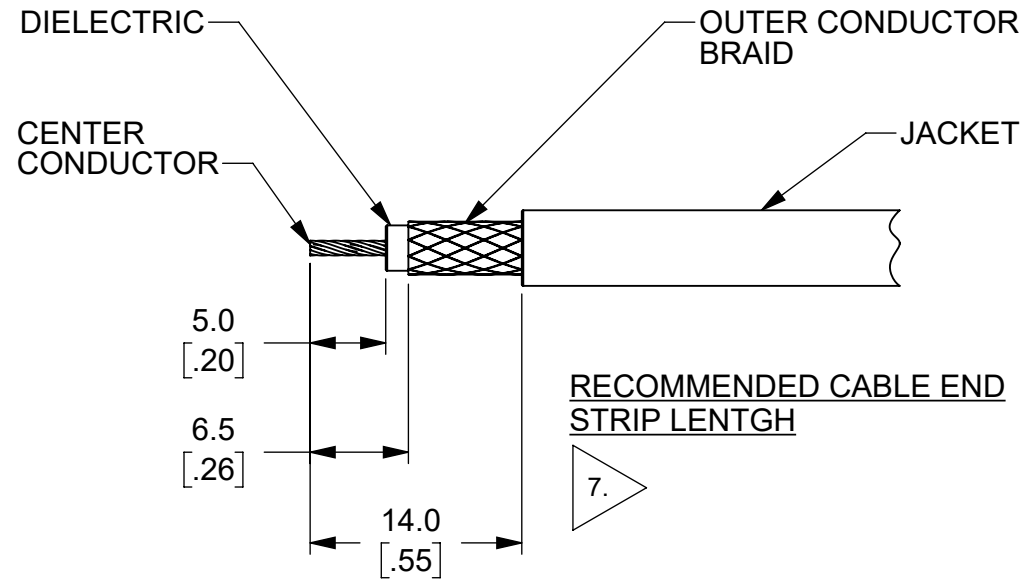
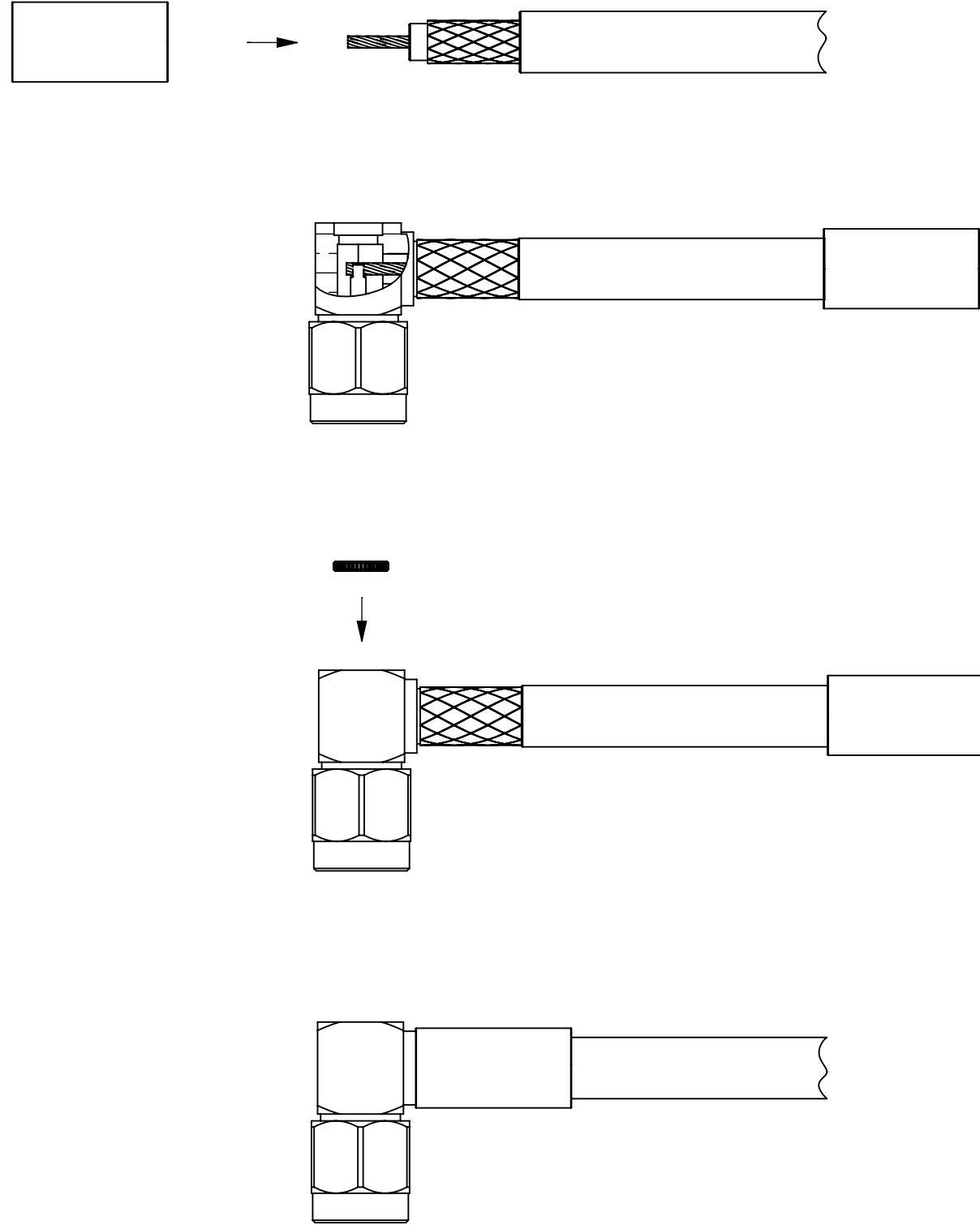


CT4499		RIGHT-ANGLE CONNECTOR, CRIMP		IN-SERIES CONNECTOR	
MODEL NUMBER		CONFIGURATION		NOTES / REFERENCE	
MODEL NUMBER TABLE					
THIRD ANGLE PROJECTION 	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE: X.X = ±0.5 X.X* = ±0.5* X.XX = ±0.25 X.XXX = ±0.125 DO NOT SCALE DRAWING		PROJECT NO.		METRIC <i>Cal Test</i> ELECTRONICS 22820 Savi Ranch Prky. Yorba Linda, CA 92887 USA
	MATERIAL SEE NOTES		APPROVALS	DATE	
REFERENCE	TREATMENT NONE	ENGR. B. HANSEN	10/4/2023	CONNECTOR, SMA MALE, RIGHT-ANGLE, DIY CRIMP	
	FINISH SEE NOTES	DESIGN ACTIVITY			
				DWG. NO. CT4499	REV. A
		SCALE 2:1		SHEET 1 OF 2	

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ASSEMBLY INSTRUCTIONS:

1. SLIDE CRIMP SLEEVE OVER CABLE JACKET
2. STRIP COAXIAL CABLE END 
3. FLARE OUTER CONDUCTOR BRAID
4. INSERT CABLE INTO SMA CONNECTOR SO THE CENTER CONDUCTOR SITS IN THE SLOTTED AREA OF THE CENTER PIN
5. SOLDER CABLE CENTER CONDUCTOR TO SMA CENTER PIN
6. PRESS END CAP SECURELY INTO POSITION
7. ENSURE THE OUTER CONDUCTOR BRAID SEATS PROPERLY AND UNIFORMLY AROUND THE OUTER SURFACE OF THE SMA CRIMP POST
8. SLIDE SLEEVE OVER BRAID AND POST
9. CRIMP SLEEVE TO SMA CRIMP POST USING THE RECOMMENDED CRIMP TOOL



METRIC	APPROVALS	DATE	SIZE	CAGE CODE	DWG. NO.	REV.
	DRAWN GSG	10/4/2023	B	43F45	CT4499	A
	CHECKER B. HANSEN	10/4/2023	SCALE 2:1	SHEET 2 OF 2		