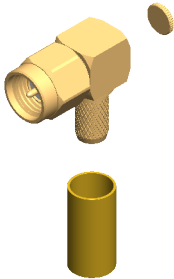
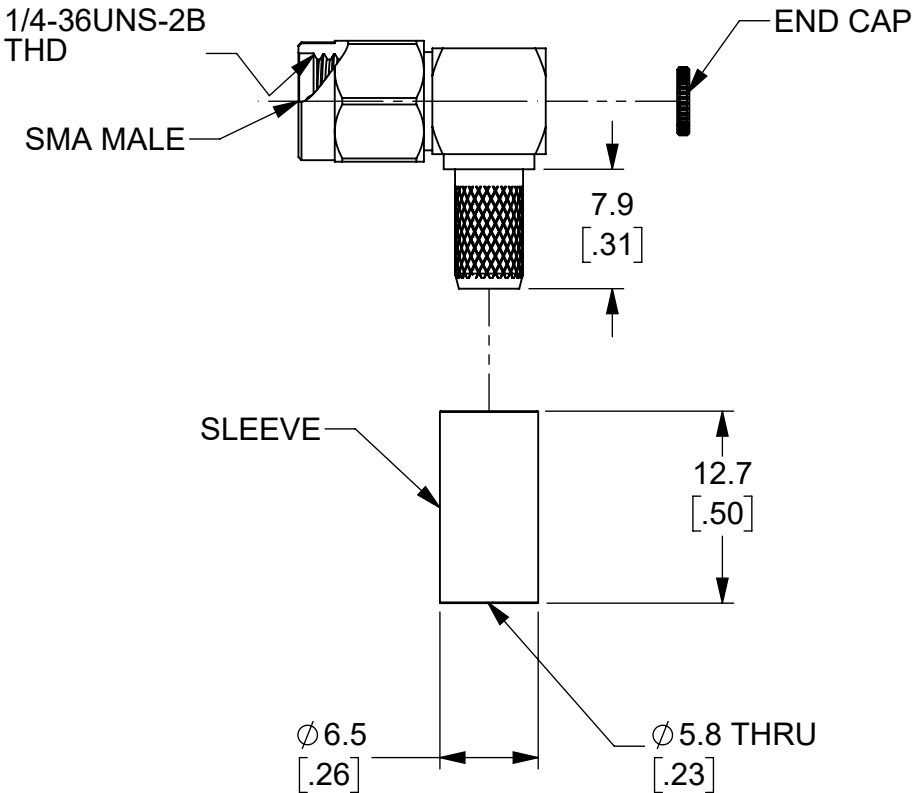


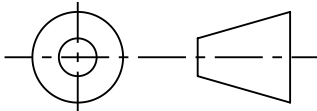
THIS IS ISSUED IN STRICT CONFIDENCE THAT IT IS NOT USED AS A BASIS FOR MANUFACTURE OR SALE AND THAT IT IS NOT COPIED, REPRINTED OR DISCLOSED TO A THIRD PARTY EITHER WHOLLY OR IN PART WITHOUT THE PRIOR WRITTEN CONSENT OF CAL TEST ELECTRONICS, INC.

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



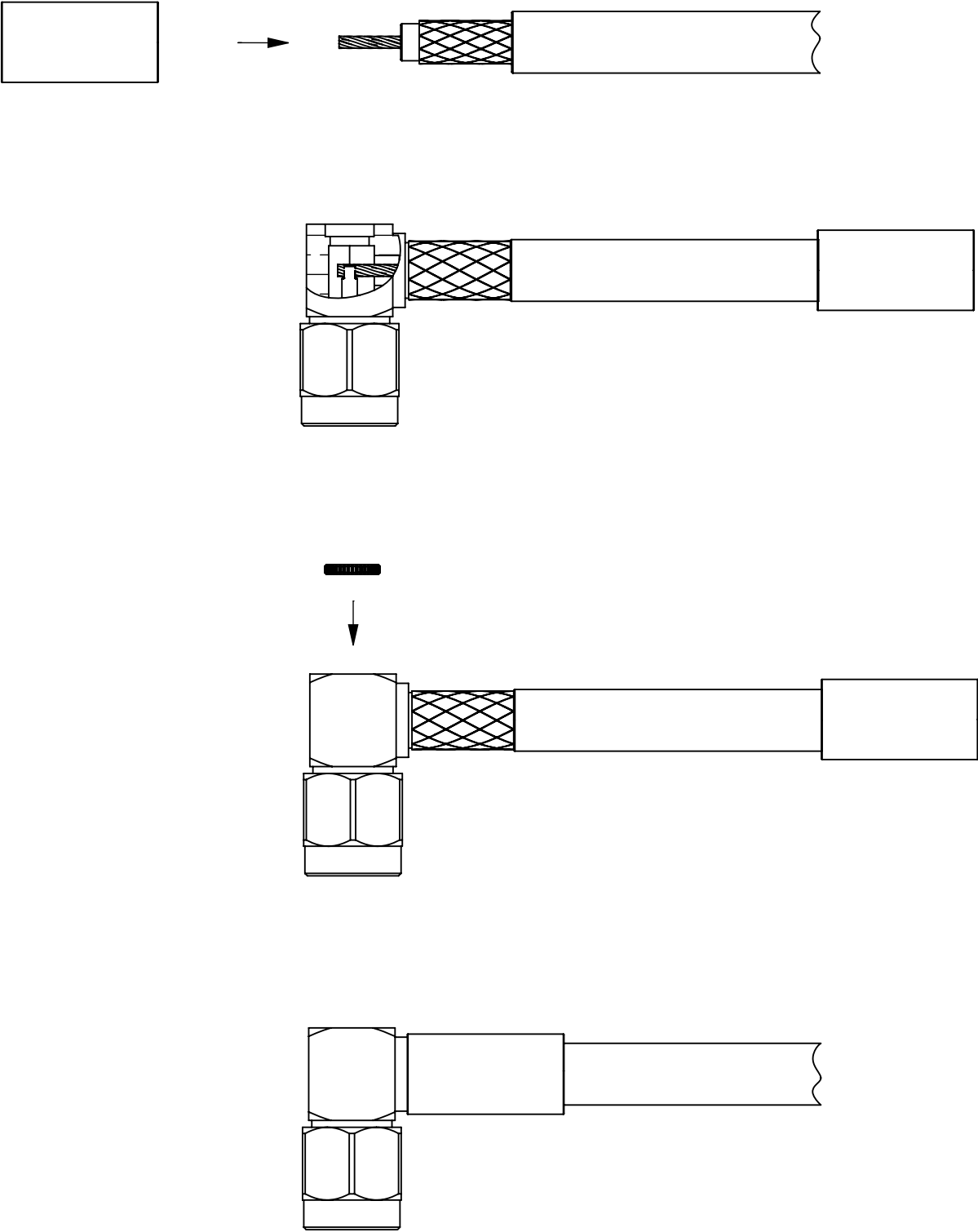
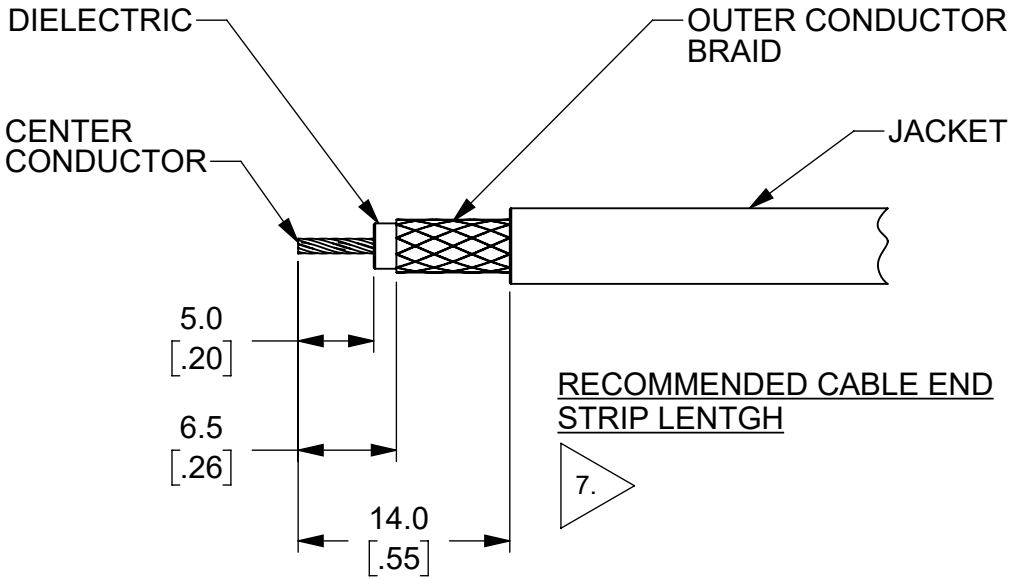
ISOMETRIC VIEW
FULL SCALE

		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		Cal Test ELECTRONICS		22820 Savi Ranch Prky. Yorba Linda, CA 92887 USA					
				APPROVALS		DATE		TITLE CONNECTOR, SMA MALE, RIGHT-ANGLE, DIY CRIMP							
		DRAWN GSG		10/4/2023											
		CHECKER B. HANSEN		10/4/2023											
		ENGR. B. HANSEN		10/4/2023											
REFERENCE		TREATMENT NONE		ENGR. B. HANSEN		10/4/2023		SIZE B		CAGE CODE 43F45		DWG. NO. CT4499		REV. A	
		FINISH SEE NOTES		DESIGN ACTIVITY				SCALE 2:1						SHEET 1 OF 2	

THIS IS ISSUED IN STRICT CONFIDENCE
THAT IT IS NOT USED AS A BASIS FOR
MANUFACTURE OR SALE AND THAT IT IS
NOT COPIED, REPRINTED OR
DISCLOSED TO A THIRD PARTY EITHER
WHOLLY OR IN PART WITHOUT THE
PRIOR WRITTEN CONSENT OF CAL TEST
ELECTRONICS, INC.

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.	CT4499	REV.
	DRAWN	GSG	10/4/2023	B	43F45			A
	CHECKER	B. HANSEN	10/4/2023	SCALE	2:1		SHEET 2 OF 2	

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Cal Test Electronics:](#)

[CT4499](#)