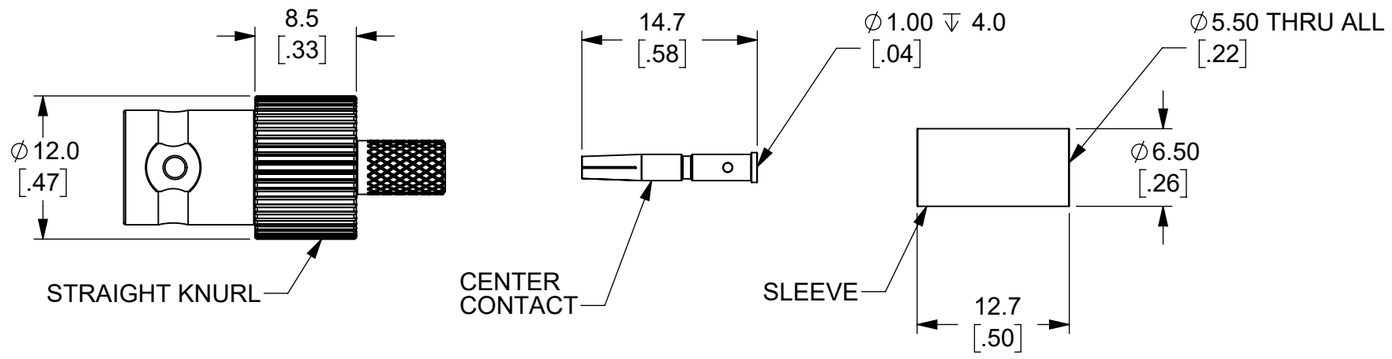
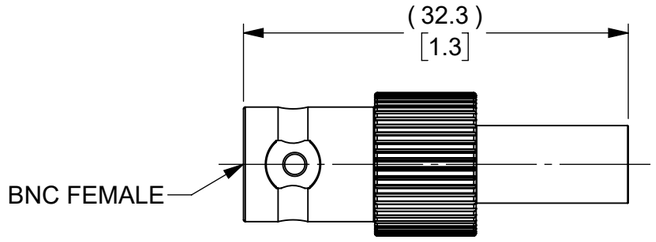
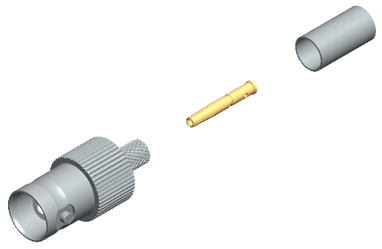
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	11/15/2023	B. Hansen

NOTES:

1. ALL SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.
2. ADAPTER TO MEET OR EXCEED ALL SPECIFICATIONS PER MIL-PRF-39012.
3. MATING DIMENSIONS IN ACCORDANCE WITH MIL-STD-348.
4. FREQUENCY RANGE SPECIFICATIONS ARE FOR REFERENCE AND ARE DEPENDENT ON CABLE TYPE AND APPLICATION SPECIFIC CONDITIONS.
5. MATERIAL:
   - BODY: BRASS, NICKEL PLATED
   - CENTER CONTACT: BRASS, GOLD PLATED
   - SLEEVE: BRASS, NICKEL PLATED
   - DIELECTRIC: DELRIN
6. ELECTRICAL:
   - IMPEDANCE: 50Ω
   - FREQUENCY: DC - 2 GHz
   - WORKING VOLTAGE: 500 Vrms
7. CABLE TYPE:
   - THE CT4514 IS INTENDED TO BE USED WITH THE FOLLOWING TYPES OF CABLE:
     - RG-58
8. ASSEMBLY INSTRUCTIONS ON SHEET 2 OF 2.
9. MECHANICAL:
   - TEMPERATURE RANGE: -20°C TO +80°C
10. RoHS AND REACH COMPLIANT







ISOMETRIC VIEW
FULL SCALE

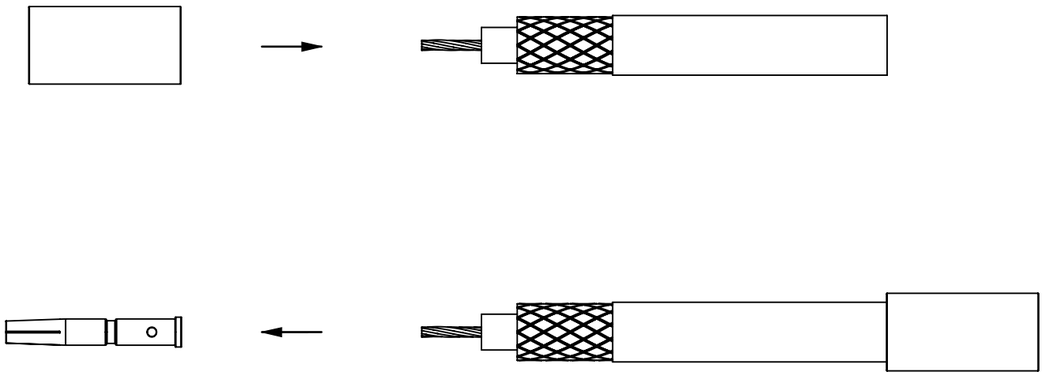
CT4514	CONNECTOR, CRIMP	IN-SERIES CONNECTOR
MODEL NUMBER	CONFIGURATION	NOTES / REFERENCE

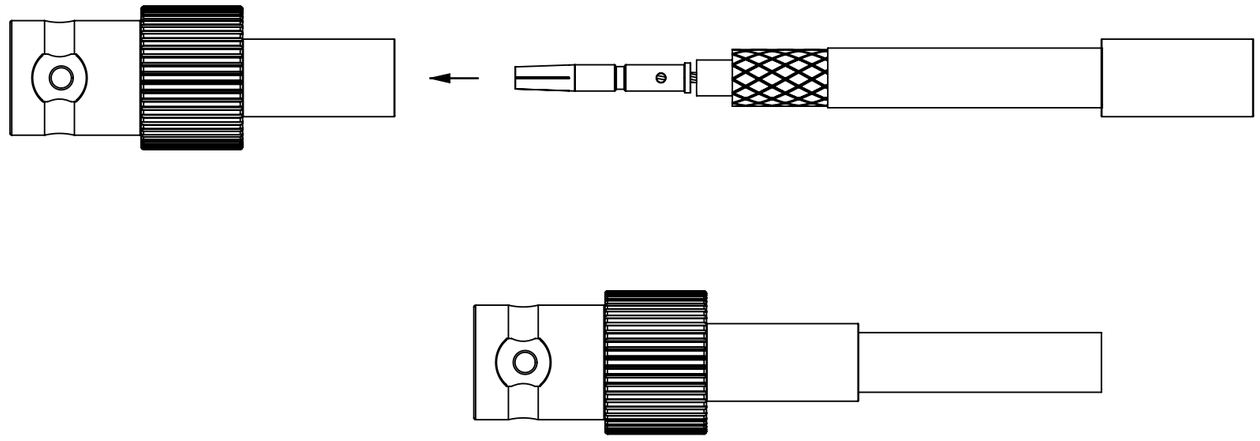
MODEL NUMBER TABLE

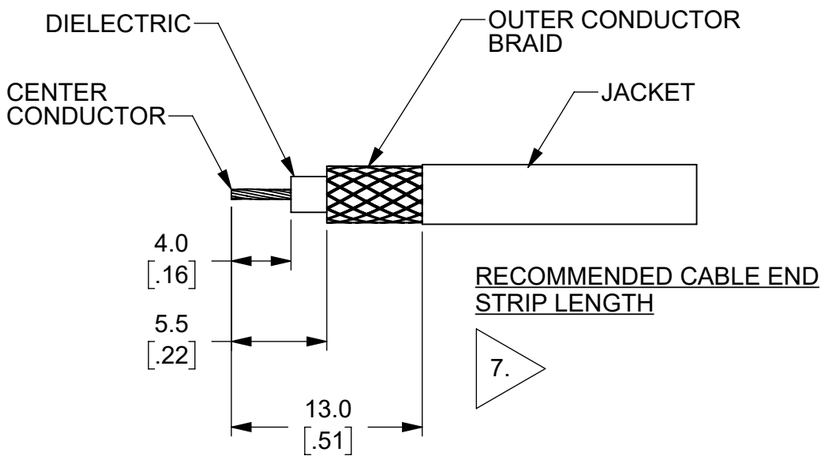
THIRD ANGLE PROJECTION	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE: X.X = ±0.5 X.X° = ±0.5° X.XX = ±0.25 X.XXX = ±0.125 DO NOT SCALE DRAWING	PROJECT NO.	**METRIC**	Cal Test ELECTRONICS 22820 Savi Ranch Prky. Yorba Linda, CA 92887 USA	
	MATERIAL: SEE NOTES	APPROVALS	DATE	TITLE: CONNECTOR, BNC FEMALE, DIY	
REFERENCE	TREATMENT: NONE	DRAWN GSG	11/7/2023		
	FINISH: SEE NOTES	CHECKER B. HANSEN	11/7/2023		
		ENGR. B. HANSEN	11/7/2023	SIZE B / CAGE CODE 43F45 / DWG. NO. CT4514 / REV. A	
		DESIGN ACTIVITY		SCALE 2:1	SHEET 1 OF 2

ASSEMBLY INSTRUCTIONS:

1. SLIDE CRIMP SLEEVE ONTO CABLE JACKET
2. STRIP COAXIAL CABLE END 7
3. INSERT CENTER CONDUCTOR INTO CONTACT HOLE DIAMETER
4. SOLDER CONTACT TO CENTER CONDUCTOR FOR BETTER PERFORMANCE
5. FLARE THE OUTER CONDUCTOR BRAID
6. INSERT CONTACT PIN FIRMLY INTO THE BNC CONNECTOR UNTIL IT SNAPS INTO POSITION
7. ENSURE THE OUTER CONDUCTOR BRAID SEATS PROPERLY AND UNIFORMLY AROUND THE OUTER SURFACE OF THE BNC CRIMP POST
8. SLIDE SLEEVE OVER BRAID AND POST
9. CRIMP SLEEVE TO THE BNC CRIMP POST USING THE APPROPRIATE CRIMPING TOOL







METRIC	APPROVALS	DATE	SIZE	CAGE CODE	DWG. NO.	REV.
	DRAWN GSG	11/7/2023	B	43F45	CT4514	A
	CHECKER B. HANSEN	11/7/2023	SCALE 2:1		SHEET 2 OF 2	