

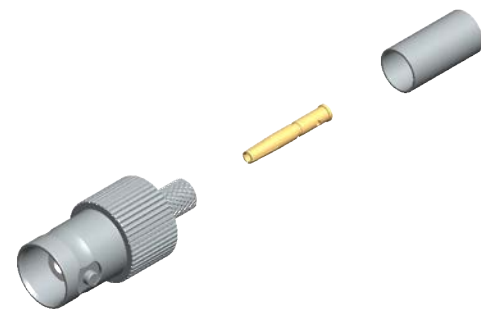
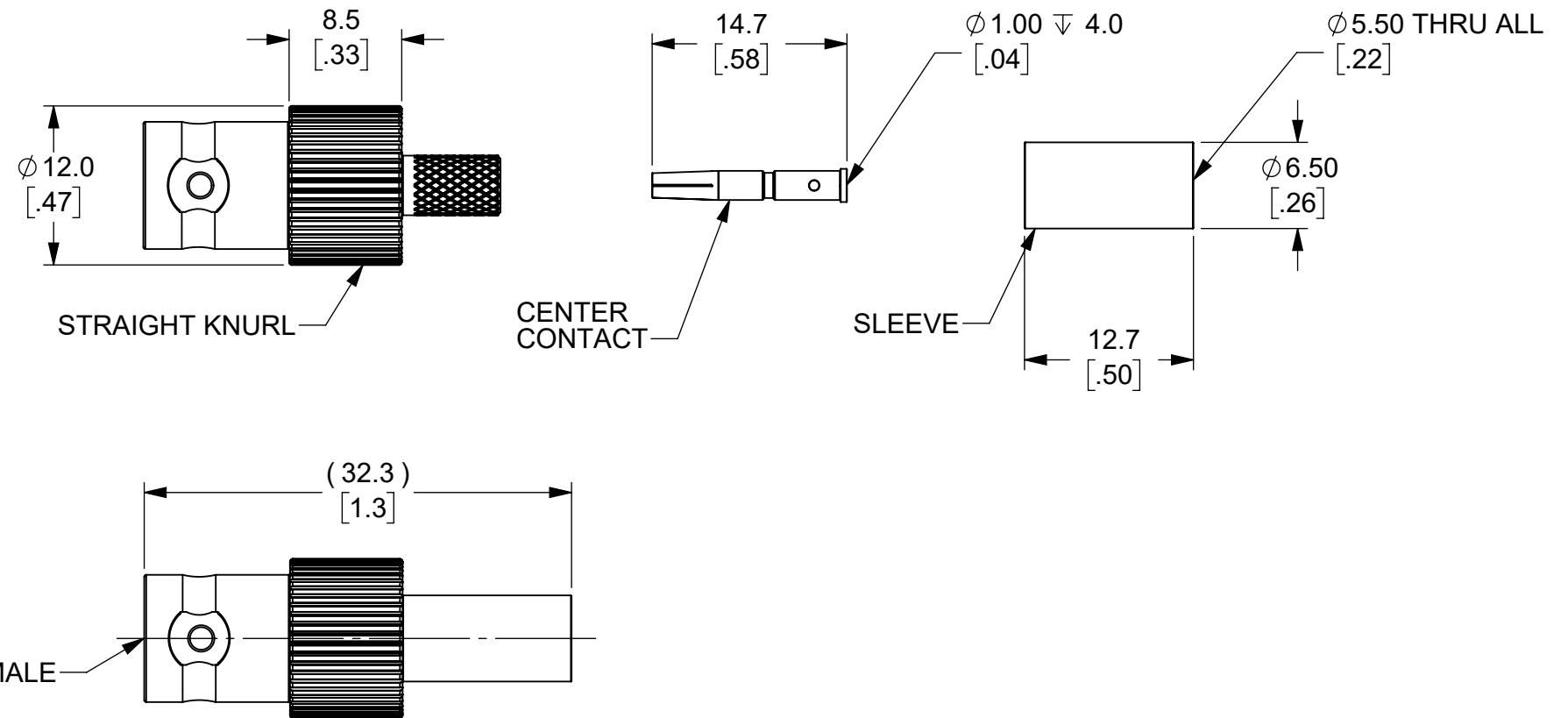
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Test Equipment Depot - 800.517.8431 - 5 Commonwealth Ave, MA 01801
TestEquipmentDepot.com

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

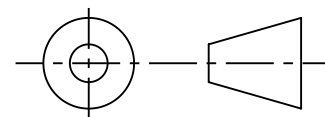
NOTES:

- 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 APPLICATION SPECIFIC CONDITIONS.
- MATERIAL:
 - BODY: BRASS, NICKEL PLATED
 - CENTER CONTACT: BRASS, GOLD PLATED
 - SLEEVE: BRASS, NICKEL PLATED
 - DIELECTRIC: DELRIN
- ELECTRICAL:
 - IMPEDANCE: 50Ω
 - FREQUENCY: DC - 2 GHz
 - WORKING VOLTAGE: 500 Vrms
- CABLE TYPE:
 - THE CT4514 IS INTENDED TO BE USED WITH THE FOLLOWING TYPES OF CABLE:
 - RG-58
- ASSEMBLY INSTRUCTIONS ON SHEET 2 OF 2.
- MECHANICAL:
 - TEMPERATURE RANGE: -20°C TO +80°C
- RoHS AND REACH COMPLIANT



ISOMETRIC VIEW
FULL SCALE

THIRD ANGLE PROJECTION



REFERENCE

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

MODEL NUMBER TABLE

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.		22820 Savi Ranch Prky. Yorba Linda, CA 92887 USA	
	APPROVALS	DATE		
	MATERIAL SEE NOTES	DRAWN GSG	11/7/2023	TITLE CONNECTOR, BNC FEMALE, DIY
	TREATMENT NONE	CHECKER B. HANSEN	11/7/2023	
FINISH SEE NOTES	ENGR. B. HANSEN	11/7/2023	SIZE B	
	DESIGN ACTIVITY		CAGE CODE 43F45	
			DWG. NO. CT4514	
			REV. A	
			SCALE 2:1	
			SHEET 1 OF 2	

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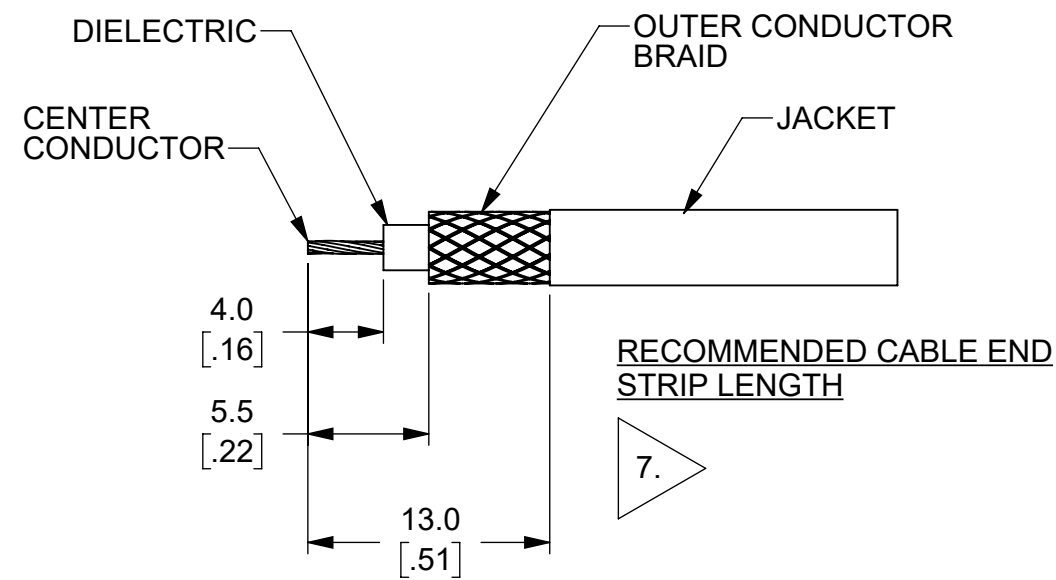
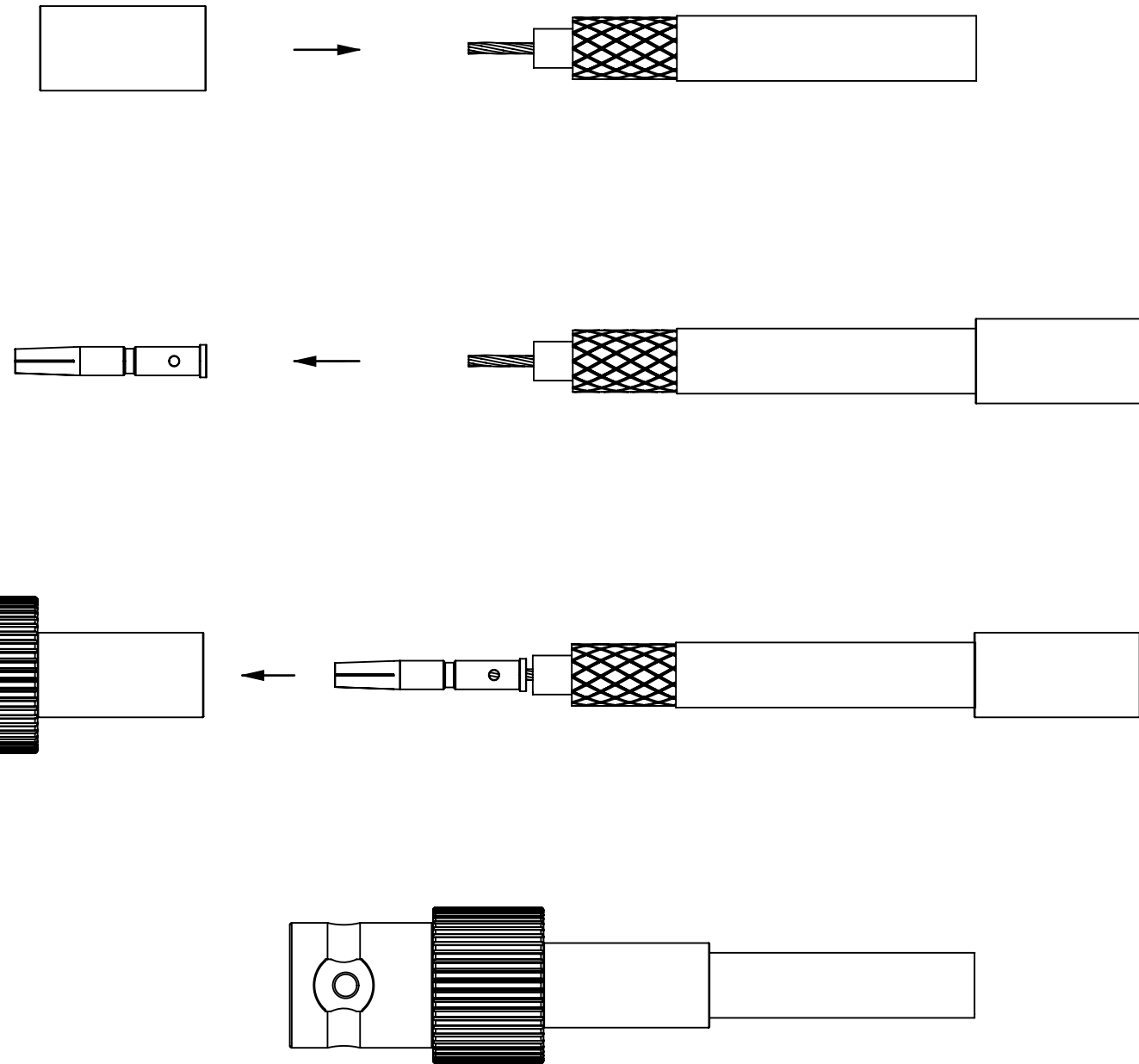
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ASSEMBLY INSTRUCTIONS:

1. SLIDE CRIMP SLEEVE ONTO CABLE JACKET
2. STRIP COAXIAL CABLE END 
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		

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