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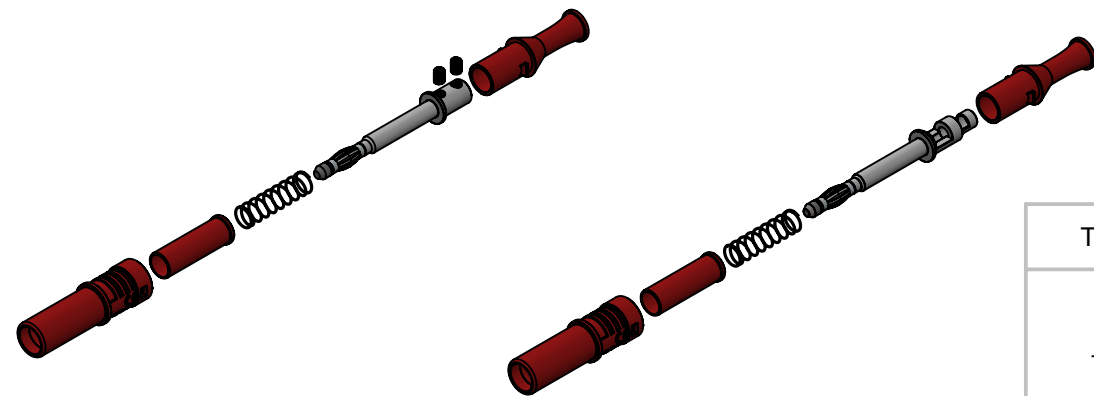
THIS IS ISSUED IN STRICT CONFIDENCE THAT IT IS NOT USED AS A BASIS FOR MANUFACTURE OR SALE AND THAT IT IS NOT COPIED, REPRINTED OR DISCLOSED TO A THIRD PARTY EITHER WHOLLY OR IN PART WITHOUT THE PRIOR WRITTEN CONSENT OF CAL TEST ELECTRONICS, INC.

- NOTES:
- DO IT YOURSELF (DIY), 4mm RETRACTABLE SLEEVE BANANA PLUG.
 - SHEET 2: SOLDERLESS VERSION
 - SHEET 3: SOLDER VERSION
 - SHEET 4: ASSEMBLY INSTRUCTIONS - SOLDERLESS
 - SHEET 5: ASSEMBLY INSTRUCTIONS - SOLDERLESS CONTINUED
 - SHEET 6: ASSEMBLY INSTRUCTIONS - SOLDER
 - MATERIAL:
 - BODY, TAIL, AND SLEEVE: POLYPROPYLENE (PP)
 - PLUG BODY: BRASS, NICKEL PLATED
 - CONTACT SPRING: BERYLLIUM COPPER, NICKEL PLATED
 - COMPRESSION SPRING: STAINLESS STEEL
 - SET-SCREW: STEEL, BLACK OXIDE
 - RATING:
 - VOLTAGE: 600 V CAT II P2.* -
 - CURRENT: 36 A MAX.*
 - * NOTE: WHEN ASSEMBLED USING TEST LEAD WIRE WITH DIFFERENT RATINGS, THE LOWER RATING APPLIES.
 - FOR SOLDER "-S" VERSION, VOLTAGE RATING IS DEPENDENT ON WIRE INSULATION BEING CRIMPED AND MECHANICALLY SECURED.
 - TEMPERATURE: -20°C TO +80°C
 - TEST LEAD WIRE:
 - CONDUCTOR: $\varnothing$ 2.0 mm [.08 in] MAX.
 - INSULATOR: $\varnothing$ 4.0 mm [.16 in] MAX.
 - STRIP LENGTH: 6.4 mm [.25 in]
 - CE AND RoHS 2 COMPLIANT

MODEL NUMBER
CT3201 - # - #

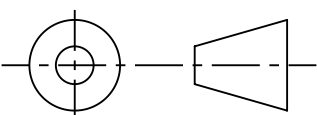
COLOR: -0 BLACK
-2 RED
-4 YELLOW
-5 GREEN
-6 BLUE
-9 WHITE

VERSION: "NONE" (SOLDERLESS)
-S (SOLDER)



SOLDERLESS

SOLDER

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				
REFERENCE		MATERIAL SEE NOTES		DRAWN GSG		3/18/2025		4mm SHEATHED BANANA PLUG, RETRACTABLE SLEEVE, DIY				
		CHECKER B. HANSEN		3/18/2025								
		ENGR. B. HANSEN		3/18/2025								
		DESIGN ACTIVITY		3/18/2025		SIZE B	CAGE CODE 43F45		DWG. NO. CT3201		REV. B	
		TREATMENT NONE				SCALE 1:2				SHEET 1 OF 6		
FINISH SEE NOTES												

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	CLASS A RELEASED; ORIGINAL PRODUCT DRAWING WAS P320100	4/15/2025	B. Hansen
B		4/15/2025	B. HANSEN

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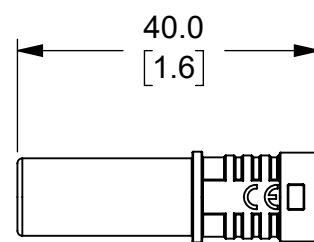
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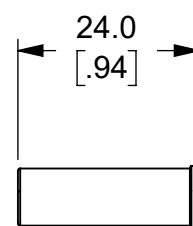
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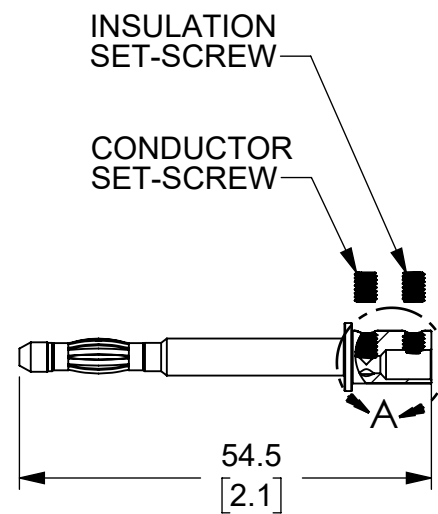
FRONT HOUSING



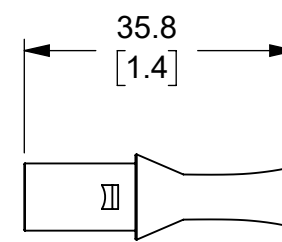
SLEEVE



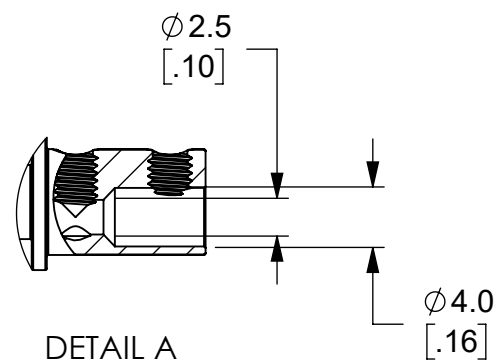
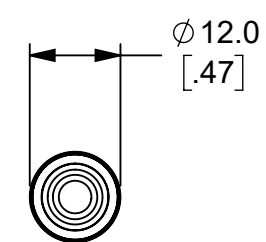
SPRING



PLUG ASSEMBLY

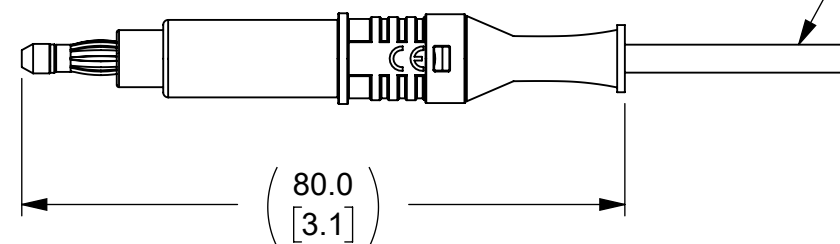


TAIL HOUSING



DETAIL A

RETRACTABLE
SLEEVE



TEST LEAD WIRE

DIY PLUG ASSEMBLED

METRIC

APPROVALS		DATE	SIZE	CAGE CODE	DWG. NO.		REV.
DRAWN	GSG	3/18/2025	B	43F45	CT3201		B
CHECKER	B. HANSEN	3/18/2025	SCALE	1:2	SHEET 2 OF 6		

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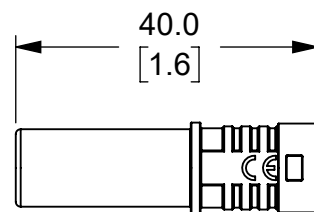
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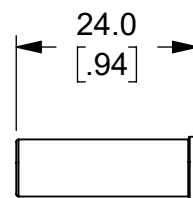
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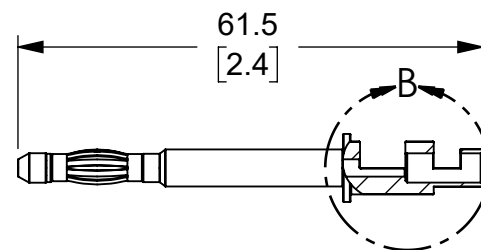
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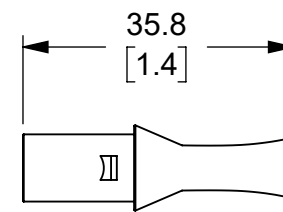
SLEEVE



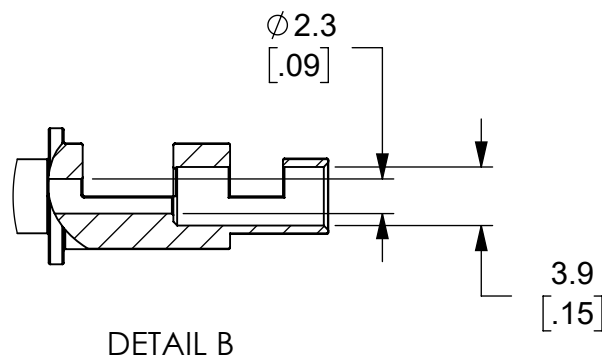
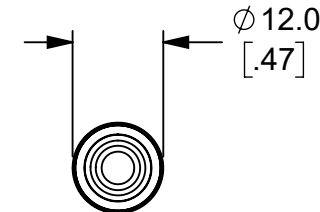
SPRING



PLUG ASSEMBLY

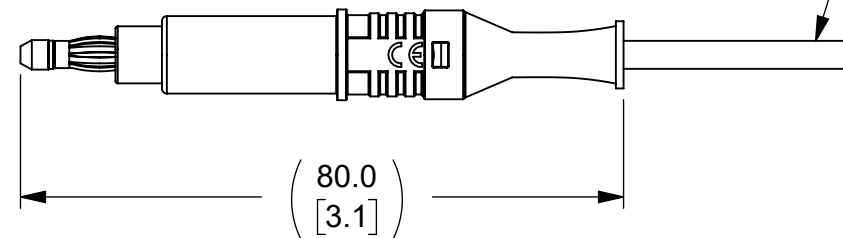


TAIL HOUSING



DETAIL B

RETRACTABLE
SLEEVE



DIY PLUG ASSEMBLED

METRIC

APPROVALS		DATE	SIZE	CAGE CODE	DWG. NO.	REV.
DRAWN	GSG	3/18/2025	B	43F45	CT3201	B
CHECKER	B. HANSEN	3/18/2025	SCALE	1:2		
				SHEET	3 OF 6	

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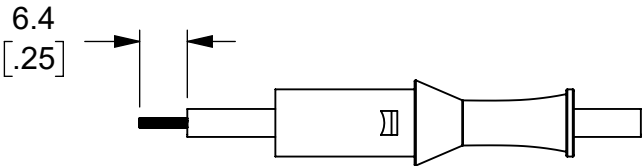
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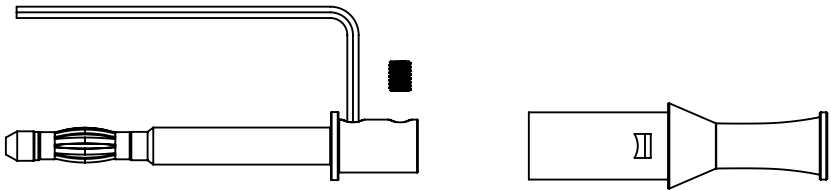
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- ASSEMBLY INSTRUCTIONS: CT3201 (SOLDERLESS)
NOTE: 1.5 mm HEX-WRENCH REQUIRED (P/N: CT2919 AVAILABLE, NOT INCLUDED).
- ① SLIDE TEST LEAD WIRE THROUGH TAIL HOUSING AND STRIP JACKET 6.4 mm [.25 in].
 - ② INSERT STRIPPED WIRE INTO PLUG BODY ASSEMBLY AND SECURE WIRE CONDUCTOR BY TIGHTENING CONDUCTOR SET-SCREW.
 - RECOMMENDED TORQUE: 3.5 - 4.5 in-lbs.
 - TUG ON TEST LEAD WIRE TO CONFIRM CONNECTION.
 - ③ SNUG INSULATOR SET-SCREW ONTO TEST LEAD WIRE INSULATION.
 - ④ INSTALL COMPRESSION SPRING ONTO PLUG BODY ASSEMBLY.
 - ⑤ SLIDE RETRACTABLE SLEEVE OVER COMPRESSION SPRING.
 - ⑥ INSTALL FRONT HOUSING AND PRESS UNTIL IT SNAPS SECURELY IN PLACE.

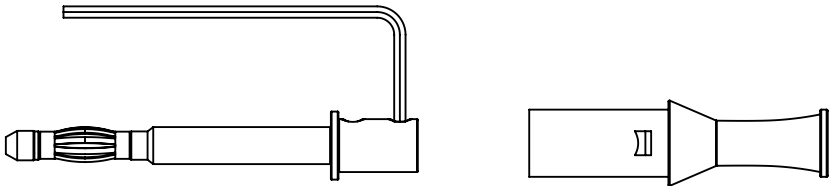
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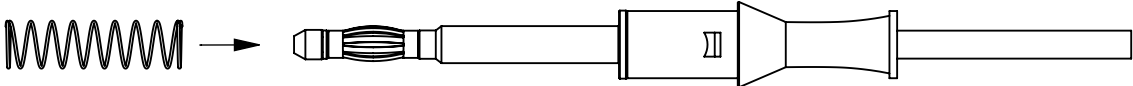
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METRIC	APPROVALS		DATE	SIZE	CAGE CODE	DWG. NO.	CT3201	REV.
	DRAWN	GSG	3/18/2025	B	43F45			B
	CHECKER	B. HANSEN	3/18/2025	SCALE	1:2		SHEET 4 OF 6	

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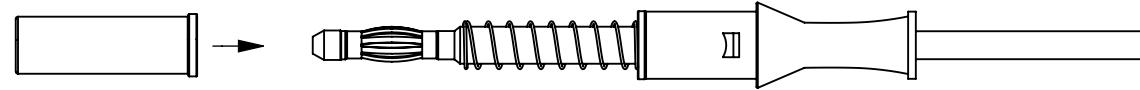
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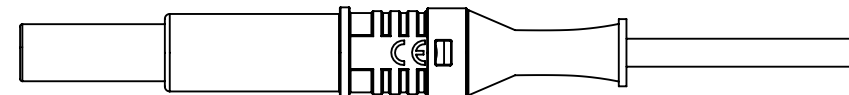
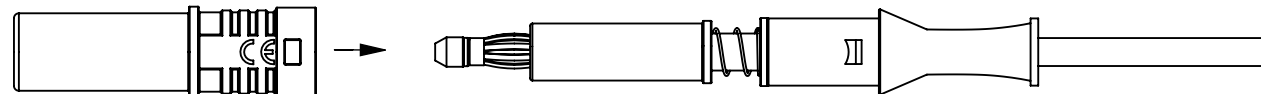
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FINISHED ASSEMBLY

METRIC

APPROVALS		DATE	SIZE	CAGE CODE	DWG. NO.	REV.
DRAWN	GSG	3/18/2025	B	43F45	CT3201	B
CHECKER	B. HANSEN	3/18/2025	SCALE	1:2	SHEET 5 OF 6	

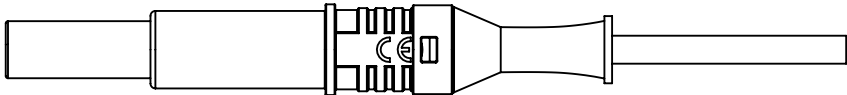
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- ASSEMBLY INSTRUCTIONS: CT3201-S (SOLDER)
- 1. SLIDE TEST LEAD WIRE THROUGH TAIL HOUSING AND STRIP JACKET 6.4 mm [.25 in]
 - 2. INSERT STRIPPED WIRE INTO PLUG ASSEMBLY.
 - 3. APPLY SOLDER IN INDICATED AREA
 - 4. INSTALL COMPRESSION SPRING ONTO PLUG BODY ASSEMBLY.
 - 5. SLIDE RETRACTABLE SLEEVE OVER COMPRESSION SPRING.
 - 6. INSTALL FRONT HOUSING AND PRESS UNTIL IT SNAPS SECURELY IN PLACE.
 - 7. OPTIONAL: CRIMP PLUG BODY AT THIS LOCATION TO MECHANICALLY SECURE WIRE INSULATION.

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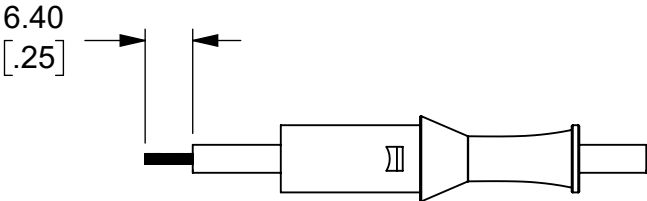
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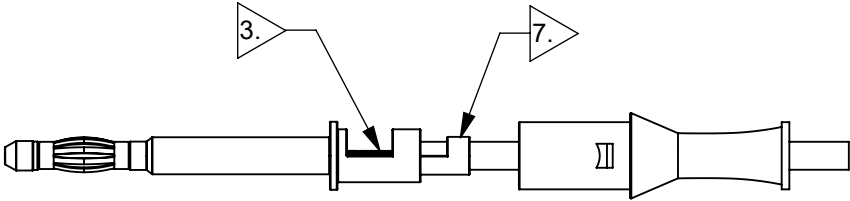


FINISHED ASSEMBLY

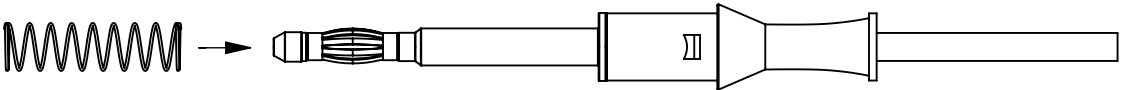
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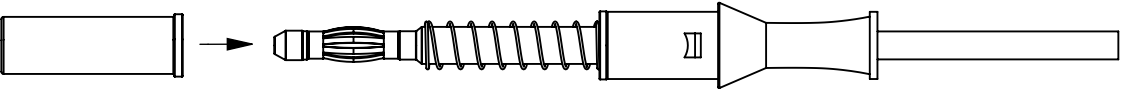
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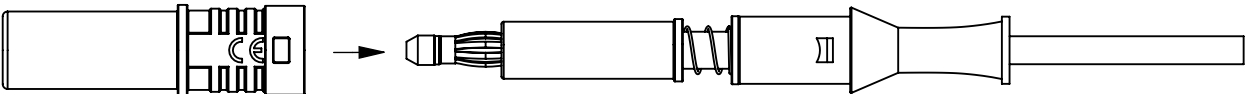
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METRIC	APPROVALS		DATE	SIZE	CAGE CODE	DWG. NO.	CT3201	REV.
	DRAWN	GSG	3/18/2025	B	43F45			B
	CHECKER	B. HANSEN	3/18/2025	SCALE	1:2		SHEET 6 OF 6	