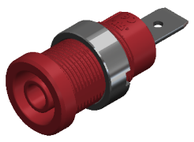
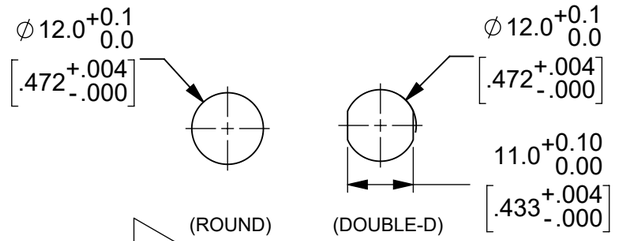
THIS IS ISSUED IN STRICT CONFIDENCE THAT IT IS NOT USED AS A BASIS FOR MANUFACTURE OR SALE AND THAT IT IS NOT COPIED, REPRINTED OR DISCLOSED TO A THIRD PARTY EITHER WHOLLY OR IN PART WITHOUT THE PRIOR WRITTEN CONSENT OF CAL TEST ELECTRONICS, INC.

NOTES:

1. 4 mm SHEATHED (SAFETY) JACK, PANEL MOUNT.
2. ACCEPTS 4 mm SHEATHED BANANA PLUGS PER IEC 61010-031 ANNEX E.
3. SPECIFICATIONS:
   - INSULATOR: POLYAMIDE PA66 (NYLON):
   - BASF ULTRAMID, A3K R01, V-2, UL QMFZ2. (C)
   - -DELETED-.
   - CONTACT: BRASS, COPPER ALLOY C36000, 1/2H, NICKEL PLATED, 1-3 MICROMETERS.
4. RATING:
   - VOLTAGE: 1,000 V CAT III, P2.
   - CURRENT: DEPENDANT ON TERMINAL CONFIGURATION:
   - 01, 02, 05 THRU 08: 36 A MAX. (C)
   - 03, 04: 25 A MAX.
   - RESISTANCE: <5 mΩ
   - TEMPERATURE: -20°C TO +65°C MAX.
5. MOUNTING HOLES: EITHER ROUND OR DOUBLE-D DEPENDING ON AVAILABLE TOOLING.
6. NOT ALL COLOR WILL BE AVAILABLE AS STANDARD. PLEASE REVIEW CTE WEBSITE.
7. MAXIMUM PANEL THICKNESS: 10 mm (0.4").
8. SUPPLIED WITH ROUND PANEL NUT CT2830. MAX TORQUE 2.3 Nm (1.7 ft-lb).
9. RECOMMENDED ASSEMBLY TOOL, CT2246.
10. MODEL CT4397-XX-#, UL RECOGNIZED COMPONENT, CCN PICQ2, PICQ8 FILE NUMBER TBD.
11. MODELS ARE RoHS 2+ COMPLIANT.
12. STANDARDS: UL 61010-1 EDITION 3, REVISION DATE 06/06/2023; UL 61010-2-030 EDITION 2, REVISION DATE 05/24/2023; CAN/CSA-C22.2 NO. 61010-1-12, EDITION 3, REVISION DATE 06/06/2023; AND CSA C22.2 NO 61010-2-030, EDITION 2, ISSUE DATE 12/2018. (D)
13. CONTACT/TERMINAL RETENTION FORCE, 310 N [70 LBF] MINIMUM.



ISOMETRIC VIEW
SCALE 1:1



5. MOUNTING HOLES

(NOTES CON'T:) (D)

14. PRODUCT CONFIGURATIONS 02 AND 08, QUICK-CONNECT BLADES 90° TO INSULATOR BODY's DOUBLE-D MOUNTING FLATS. SEE SHEET 3 OF 3.
15. MODEL CT4397-XX-#, UL RECOGNIZED COMPONENT:
    1. FILE NUMBER: E315929:
       1. PICQ2, UL 61010-1:2023.
       2. PICQ8, CSA C22.2 NO. 61010-1-12:2023.

REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL PRODUCT RELEASE	11/16/2023	B. Hansen
B	ADDED NOTE 13, CONTACT RETENTION SPECIFICATION; REVISED NOTE 12. STANDARDS, IEC 61010-031 REMOVED.	1/17/2024	B. Hansen
C	CORRECTIONS: NOTE 3, SPECIFICATIONS, DELETED MATERIAL TEKNOR APEX CHEMLON 104 H, HB.; NOTE 4, RATING, WAS 04, 05: 25 A MAX.	4/23/2024	B. Hansen
D	REVISED NOTE 12, WAS ...UL 61010-1 EDITION 3, (2010-06)+AMD1 (2016-12); CSA-C22 NO. 61010 EDITION 3; IEC 61010-2-030 EDITION 3 (2023); ADDED NOTE 14 AND 15, ORIENTATION OF QUICK-CONNECT CONTACT/TERMINAL AND PRODUCT UL RECOGNIZED COMPONENT.	8/8/2024	B. Hansen

MODEL NUMBER

CT4397 - XX - #

CONFIGURATION:
- **01** - M4x0.5 THREADED STUD
- **02** - 6.4 mm (.25") QUICK-CONNECT
- **03** - 2 mm (.080") SOLDER HOLE
- **04** - 2 mm (.080") SOLDER HOLE / SLOT
- **05** - 1.9 mm x 12 mm SHORT PIN
- **06** - 1.9 mm x 21 mm LONG PIN
- **07** - M3 THREADED HOLE
- **08** - 4.8 mm (.188") QUICK-CONNECT

6. COLOR:
- **0** - BLACK
- **1** - BROWN
- **2** - RED
- **3** - ORANGE
- **4** - YELLOW
- **5** - GREEN
- **6** - BLUE
- **7** - VIOLET (PURPLE)
- **8** - GREY
- **9** - WHITE

THIRD ANGLE PROJECTION

REFERENCE

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

MATERIAL: SEE NOTES

TREATMENT: NONE

FINISH: SEE NOTES

PROJECT NO. C349

APPROVALS	DATE
DRAWN WDH	11/8/2023
CHECKER GG	4/23/2024
ENGR. B. HANSEN	4/12/2022
DESIGN ACTIVITY ENGINEERING	

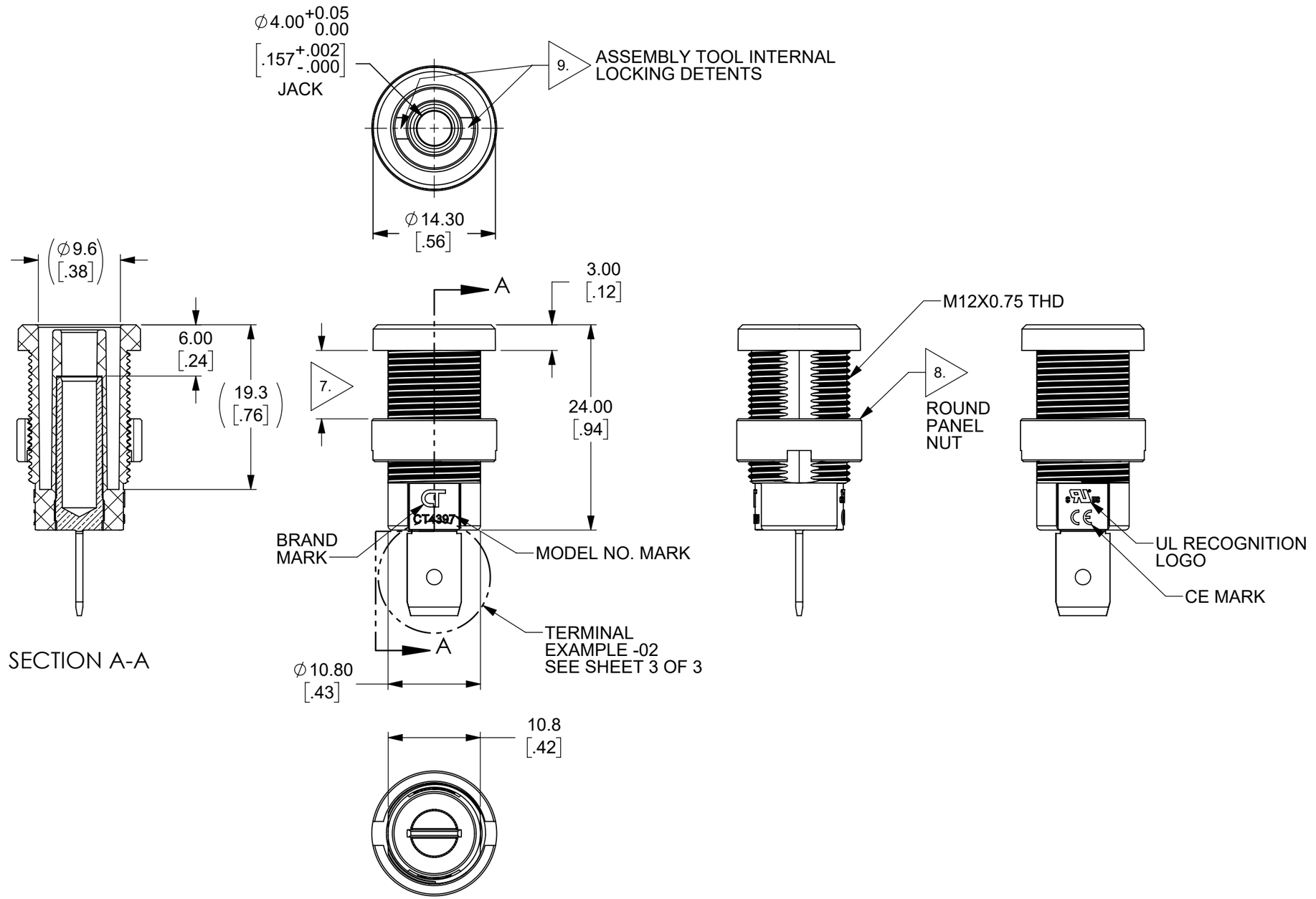
METRIC

Cal Test ELECTRONICS
22820 Savi Ranch Prky.
Yorba Linda, CA 92887
USA

TITLE: 4mm SHEATHED JACK, PANEL MOUNT, ULR

SIZE	CAGE CODE	DWG. NO.	REV.
B	43F45	CT4397	D

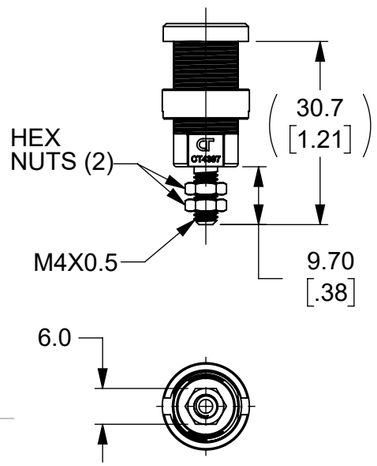
SCALE 1:1 SHEET 1 OF 3



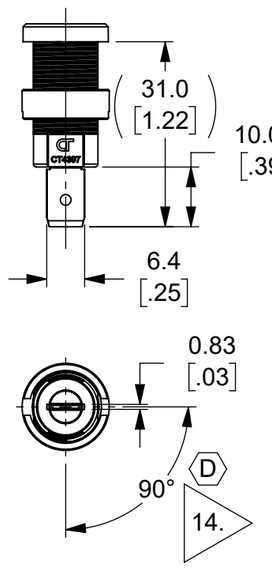
METRIC	APPROVALS	DATE	SIZE	CAGE CODE	DWG. NO.	REV.
	DRAWN WDH	11/8/2023	B	43F45	CT4397	D
	CHECKER GG	4/23/2024	SCALE 2:1		SHEET 2 OF 3	

TERMINAL CONFIGURATIONS

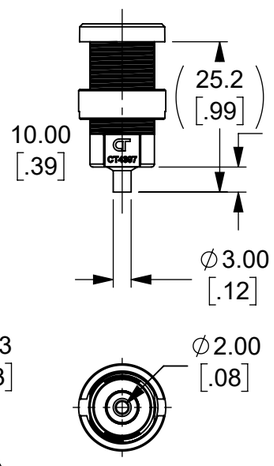
-01
M4x0.5 THREADED
STUD



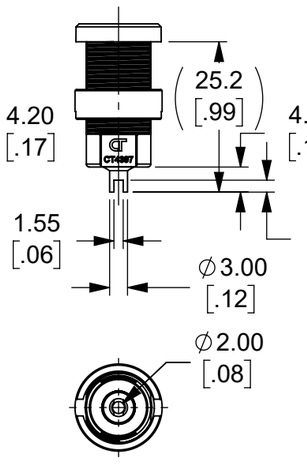
-02
6.4 mm (.25")
QUICK-CONNECT



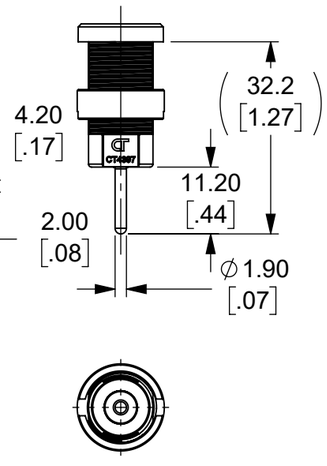
-03
2 mm (.080")
SOLDER HOLE



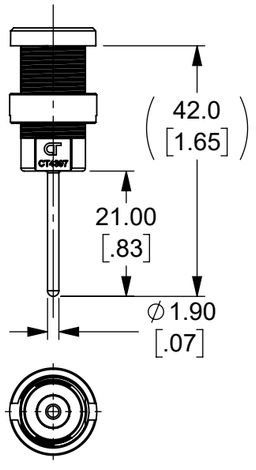
-04
2 mm (.080")
SOLDER HOLE / SLOT



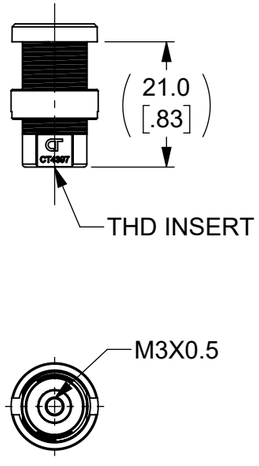
-05
1.9 mm x 12 mm
SHORT PIN



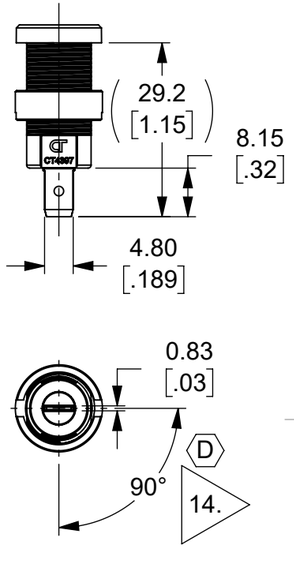
-06
1.9 mm x 21 mm
LONG PIN



-07
M3 THREADED
HOLE



-08
4.8 mm (.188")
QUICK-CONNECT



METRIC	APPROVALS	DATE	SIZE	CAGE CODE	DWG. NO.	REV.
	DRAWN WDH	11/8/2023	B	43F45	CT4397	D
	CHECKER GG	4/23/2024	SCALE 1:1		SHEET 3 OF 3	