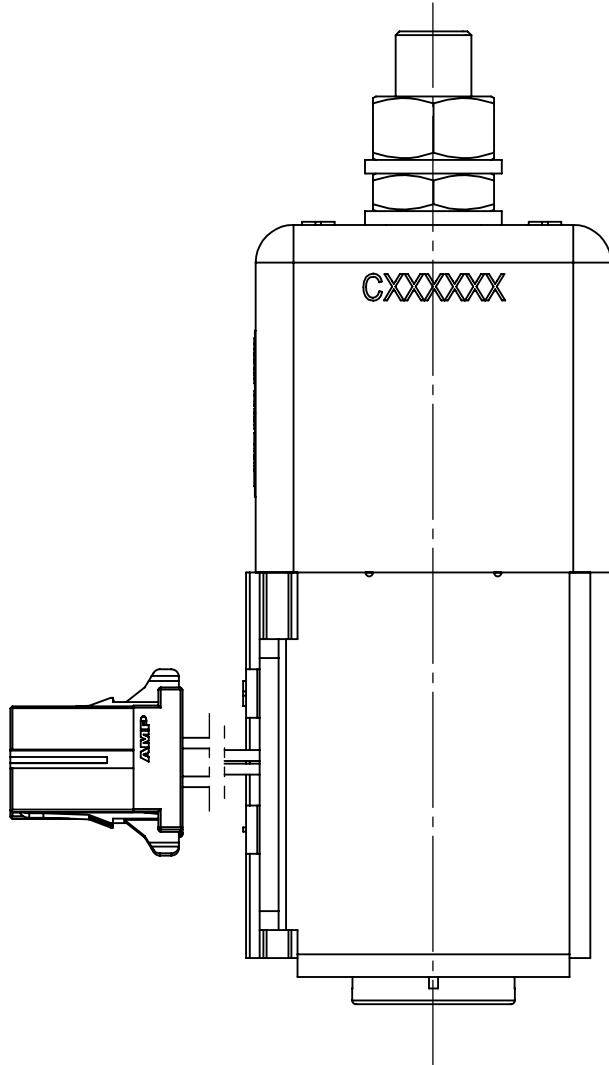
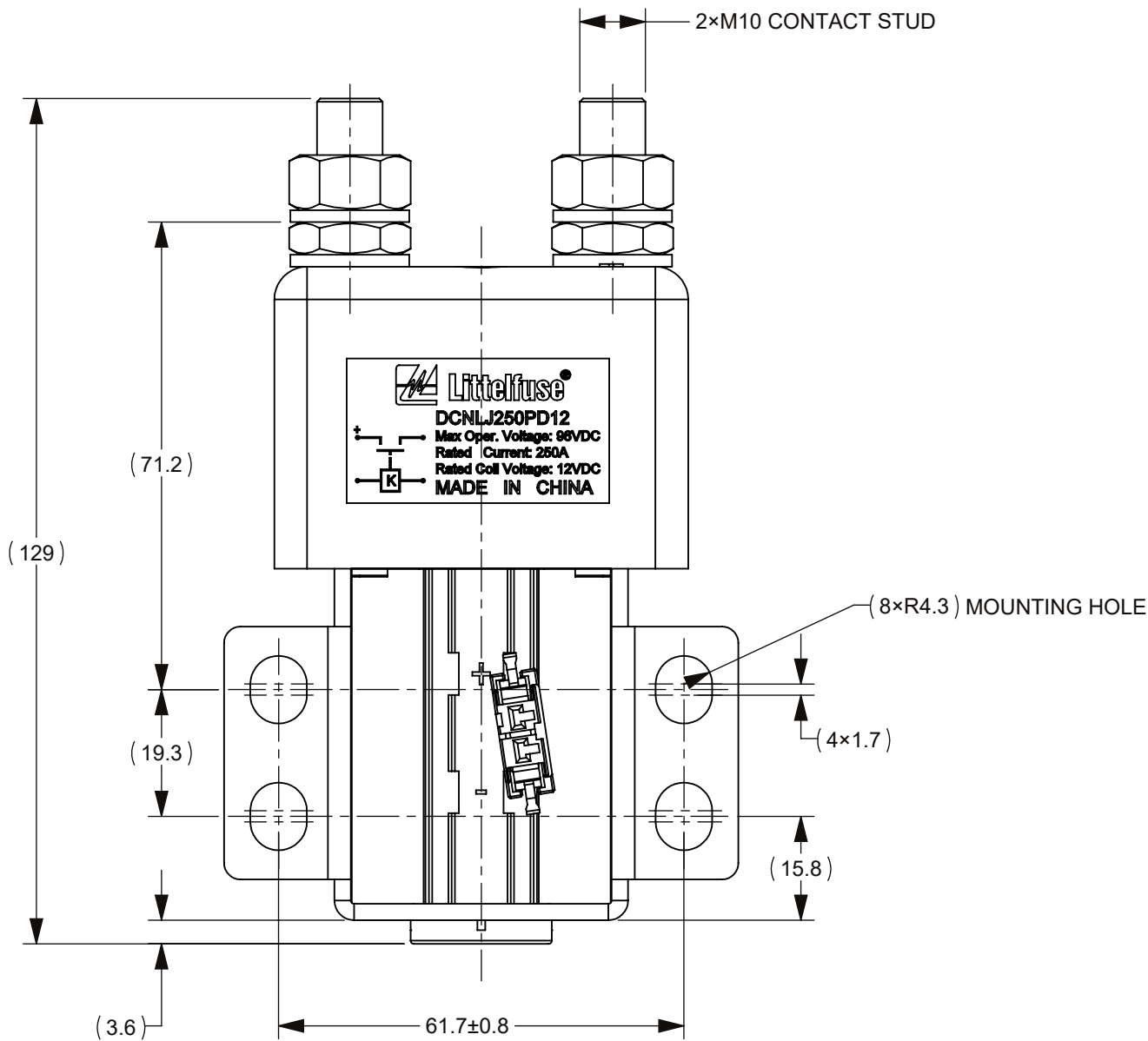
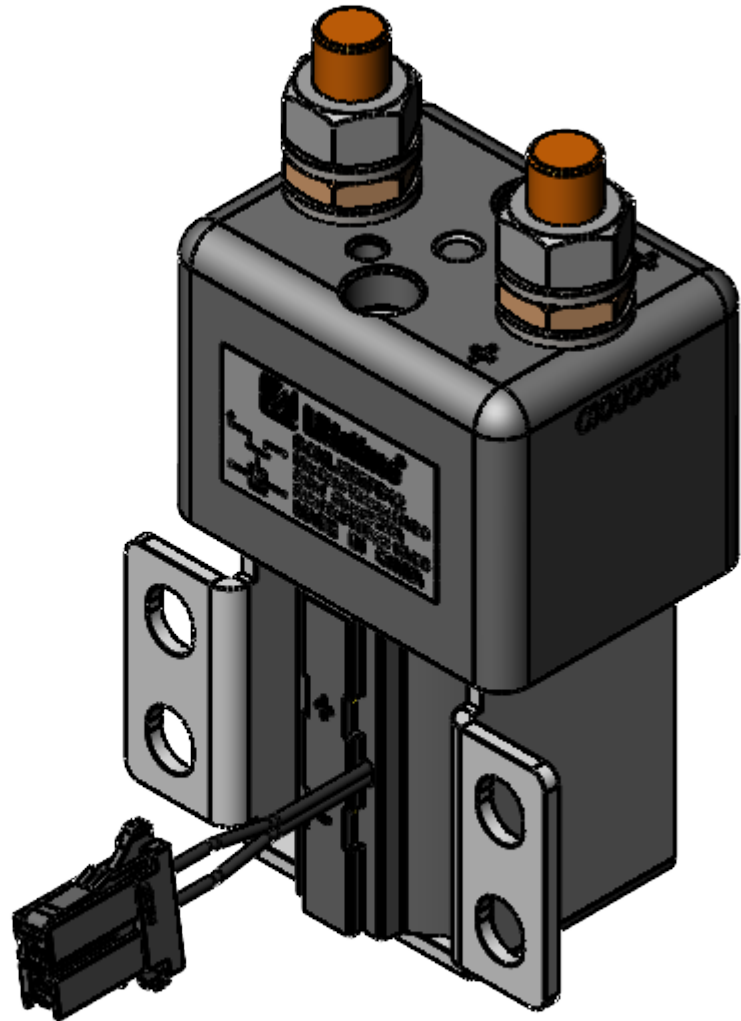
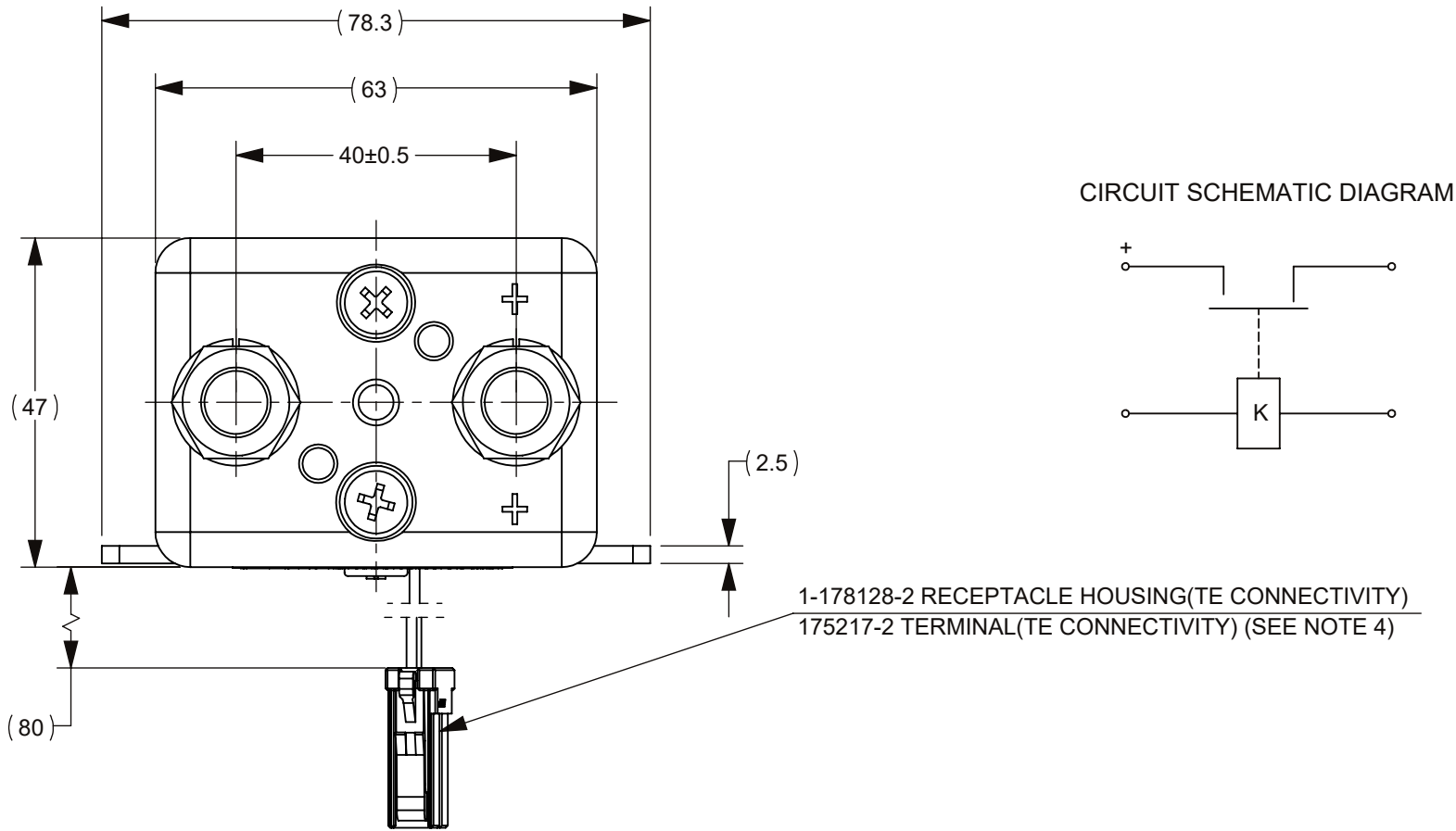


REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	GCF#524336 INITIAL RELEASE	AUG./15/2021	D. ZHANG
B1; D1	B	CCO-100372 60ms was 50ms; 50MΩ was 20MΩ	Oct./12/2022	D. ZHANG



- NOTES:
- ALL SIZES ARE FOR REFERENCE ONLY.
 - MATERIALS AND FINISH:
2.1 BASE: PHENOLPLASTIC, UL94V-0.
2.2 CONTACTS: SILVER ALLOY.
2.3 STUD: COPPER ROD.
 - PRODUCT TECHNICAL PARAMETERS: SEE TABLE 1.
 - CONNECTORS MATCH: TE CONNECTIVITY: 1-917337-2 OR 1-179276-2 RECOMMENDED.
 - CONTACT ARRANGEMENT: SPST-NO.
 - CONNECTION STUD: M10 STUD, RECOMMENDED TORQUE: 9 N•m ~ 11 N•m.
 - MOUNTING: M8 BOLT, RECOMMENDED TORQUE: 12 N•m-15 N•m.

TABLE 1: TECHNICAL PARAMETERS	
ITEM	PARAMETER
RATED COIL VOLTAGE	12V DC
HOLD POWER	MAX 16W
OPERATING VOLTAGE IN COLD STATE AT (20±5)°C	PICKUP: 8.4V DC MAX
	RELEASE: 1V DC MIN
OPERATE TIME	MAX 60ms
RELEASE TIME	MAX 25ms
BOUNCE TIME	MAX 7ms
RATED CONTACT VOLTAGE	96V DC
MAXIMUM CONTACT VOLTAGE	110V DC
RATED CONTACT CURRENT	250A
CONTACT VOLTAGE DROP	≤50mV@100 A
LIMIT BREAKING ABILITY	4Ie/5ms, 1 CYCLES
DIELECTRIC STRENGTH	1000V AC, 50Hz, 1min, LEAKAGE CURRENT ≤1 mA
INSULATION RESISTANCE	≥50MΩ@500VDC
ELECTRIC LIFE	6000 CYCLES
MECHANICAL LIFE	300,000 CYCLES
WORKING DUTY	CONTINUOUS

DIMENSIONS ARE SHOWN IN MILLIMETERS. DIMENSIONS AND TOLERANCES ARE DEFINED ACCORDING TO ANSI/ASME Y14.5-1994.		
PER CHNFPD20-008 PROCEDURE	●	FTI/ FUNCTION CRITICAL CHARACTERISTICS
	<S>	SAFETY/ COMPLIANCE CRITICAL CHARACTERISTICS SYMBOL
	CPK	DENOTES CPK DIMENSIONS MINIMUM CPK VALUE
	(ST)	DENOTES A CHARACTERISTIC THAT PROVIDES AN INDICATION OF PROCESS PERFORMANCE. PROCEDURE FOR MEASUREMENT AND TRACKING TO BE DEFINED IN LITTELFUSE INSPECTION INSTRUCTIONS
	CP	DENOTES CP DIMENSIONS. -MINIMUM CP VALUE MUST BE WITHIN THE DIMENSIONAL LIMITATIONS SHOWN ON DRAWING AND INITIALLY LOCATED TO ALLOW FOR MAXIMUM TOOL LIFE
DRAWN: M.J. DAI, DATE: AUG./15/2021		 Expertise Applied Answers Delivered
CHECKED: J. LI, DATE: AUG./20/2021		
FORM NO.: CVP-PE40-0005 REV B		TITLE DCNL 250A 96V 12V COIL CONTACTOR
THIRD ANGLE PROJECTION		
		SIZE: C, DWG. NO.: OL-DCNLJ250PD12, REV. B
DO NOT SCALE DRAWING		SCALE 1:1, SHEET 1 OF 1