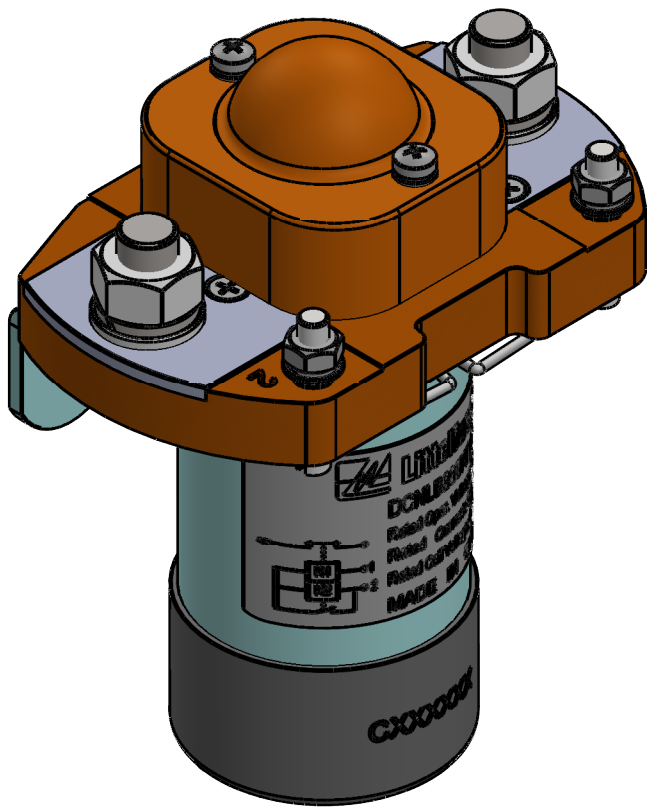
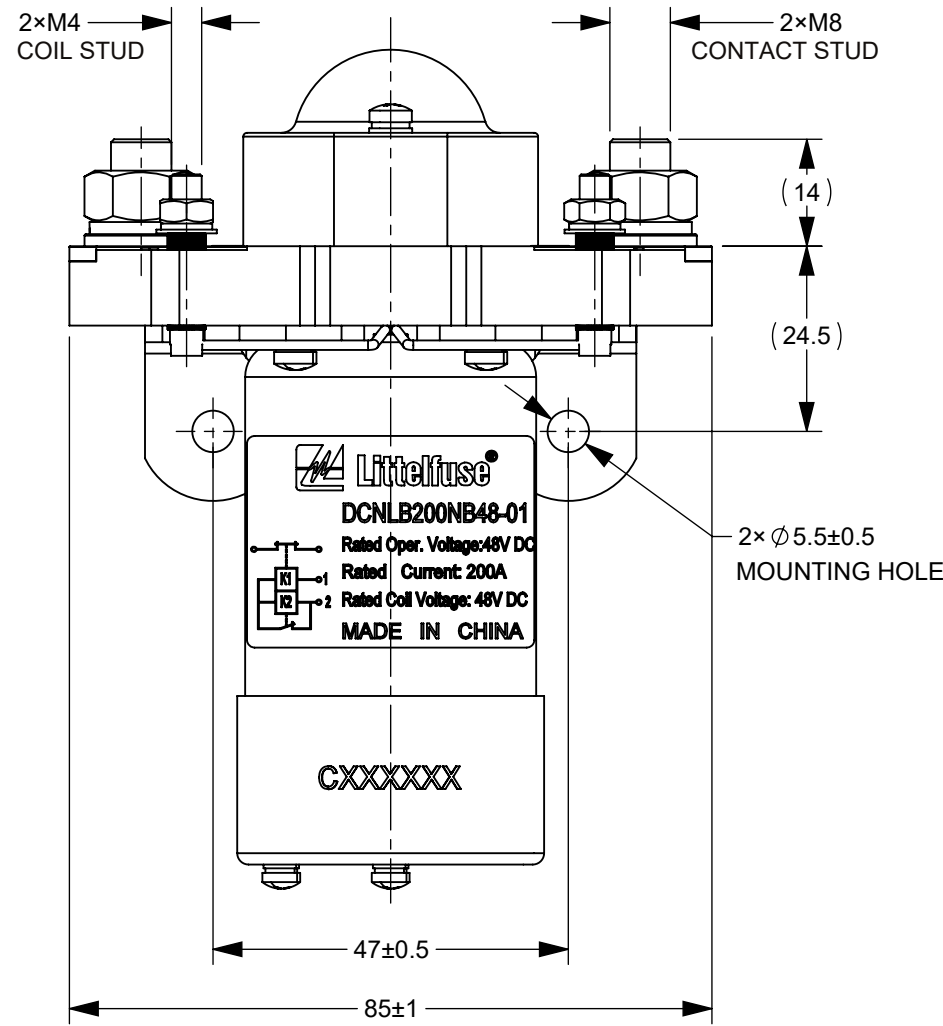
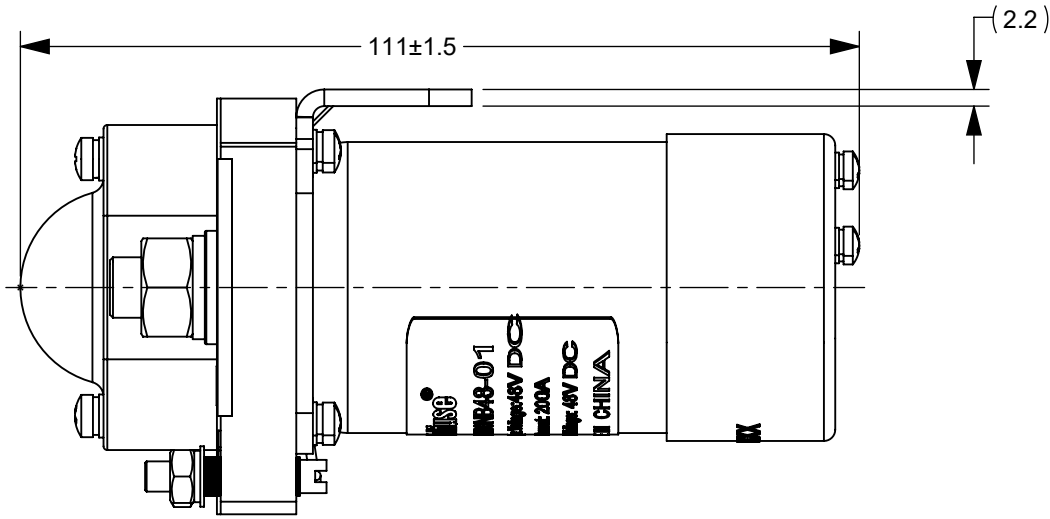
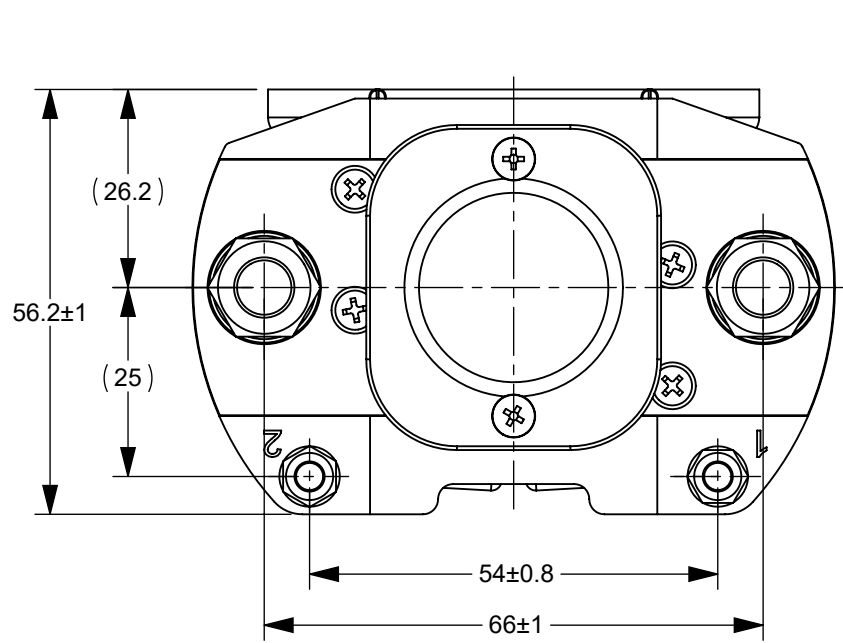


REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	GCF#524592 INITIAL RELEASE	SEP./23/2021	D. ZHANG



- NOTES:
- ALL SIZES ARE FOR REFERENCE ONLY.
 - MATERIALS AND FINISHING:
 - BASE: THERMOSETTING PLASTIC, UL94V-0.
 - CONTACTS: SILVER ALLOY.
 - COIL STUD: COPPER ALLY, SILVER PLATED.
 - PRODUCT TECHNICAL PARAMETERS: SEE TABLE 1.
 - CONTACT ARRANGEMENT: SPST-NC.
 - CONNECTION STUD: M8 STUD, RECOMMENDED TORQUE 9 N•m ~ 11 N•m; M4 STUD, RECOMMENDED TORQUE 1.7 N•m ~ 2.5 N•m.
 - MOUNTING: M5 BOLT, RECOMMENDED TORQUE 4 N•m ~ 5 N•m.

CIRCUIT SCHEMATIC DIAGRAM

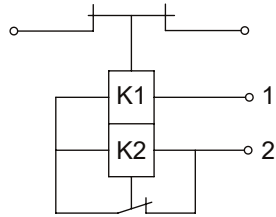


TABLE 1: TECHNICAL PARAMETERS			
ITEM		PARAMETER	
MAXIMUM CONTACT VOLTAGE		60V DC	
RATED CONTACT VOLTAGE		48V DC	
RATED CONTACT CURRENT		200A	
RATED COIL VOLTAGE		48V DC	
HOLD POWER		START POWER	MAX 230W
		MAINTAIN POWER	MAX 8W
OPERATING VOLTAGE IN COLD STATE AT (20±5)°C		PICKUP: 34V DC MAX	
		RELEASE: 4V DC MIN	
OPERATE TIME		MAX 30ms	
RELEASE TIME		MAX 30ms	
BOUNCE TIME		MAX 12ms	
CONTACT VOLTAGE DROP		≤50mV@100 A	
LIMIT BREAKING ABILITY		4le/5ms,1CYCLES	
DIELECTRIC STRENGTH		1000V AC, 50Hz,1min., LEAKAGE CURRENT ≤1 mA	
INSULATION RESISTANCE		≥50MΩ@500VDC	
ELECTRIC LIFE		3000 CYCLES	
MECHANICAL LIFE		100,000 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		FIT/ FUNCTION CRITICAL CHARACTERISTICS	
		SAFETY/ COMPLIANCE CRITICAL CHARACTERISTICS SYMBOL	
		DENOTES CPK DIMENSIONS MINIMUM CPK VALUE	
		DENOTES A CHARACTERISTIC THAT PROVIDES AN INDICATION OF PROCESS PERFORMANCE PROCEDURE FOR MEASUREMENT AND TRACKING TO BE DEFINED IN LITTELFUSE INSPECTION INSTRUCTIONS	
		DENOTES CP DIMENSIONS. -MINIMUM CP VALUE MUST BE WITHIN THE DIMENSIONAL LIMITATIONS SHOWN ON DRAWING AND INITIALLY LOCATED TO ALLOW FOR MAXIMUM TOOL LIFE	
NAME		DATE	
DRAWN	JY. SHI	SEP./8/2021	
CHECKED	J. LI	SEP./15/2021	
-		-	
-		-	
FORM NO: CVP-PE40-0005 REV B			
THIRD ANGLE PROJECTION			
			
DO NOT SCALE DRAWING		SIZE C	DWG. NO. OUTLINE
		SCALE 1:1	OL-DCNLB200NB48-01
			REV. A