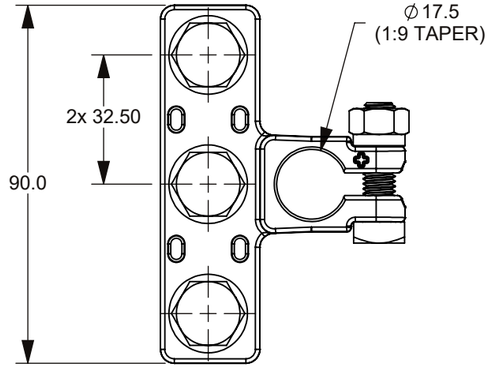
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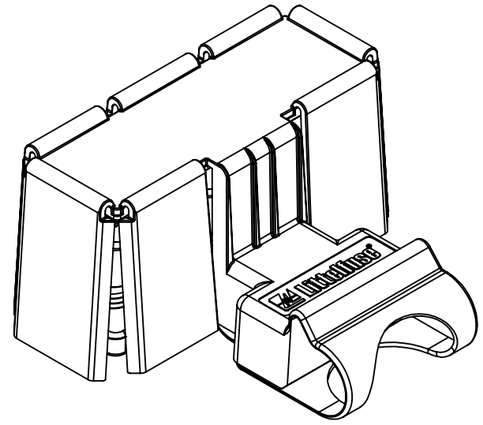
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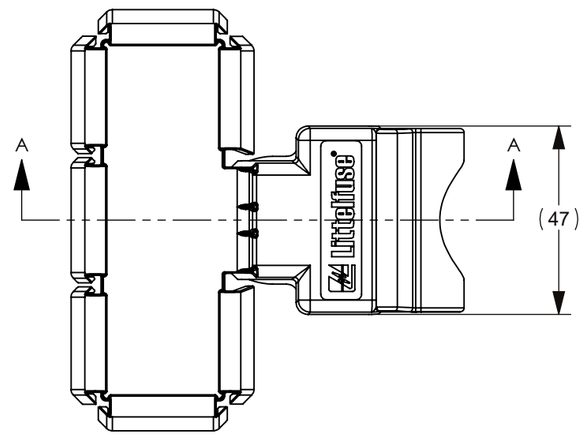
1. MATERIAL:
   BASE: COPPER ALLOY PLATED WITH TIN OVER NICKEL
   BOLTS AND NUTS: 304 STAINLESS STEEL
   COVER: TPV; UL94, V0 RATED
2. BMZF MUST BE USED WITH LITTELFUSE SUPPLIED
   M10 ISOLATED BOLT ONLY (890010900)
   M10 BOLT TORQUE: 16±2 N·m
3. M8 SHOULDER NUT TORQUE: 12±1 N·m (B)
4. MAXIMUM CONTINUOUS CURRENT: 325A
5. VOLTAGE RATING: 32V
6. OPERATING TEMPERATURE: -40°C TO 105°C
7. STORAGE TEMPERATURE: -50°C TO 125°C

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	INITIAL RELEASE, GCF 520582	2/1/2019	
	B	ECO 521647 INCREASE M8 BOLT TORQUE, ADD PN, REVISE THREADLOCK DESCRIPTION, UPDATE M8 BOLT DIRECTION AND ADD FIGURE 2	12/27/2019	A.HOANG A.MENZER



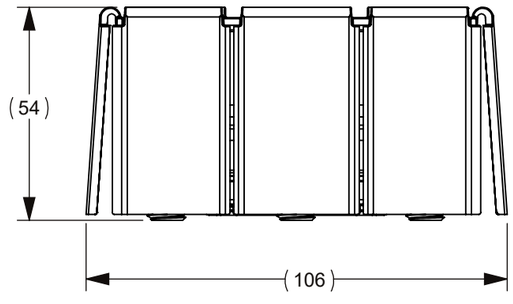
SHOWN WITHOUT COVER
FOR REFERENCE

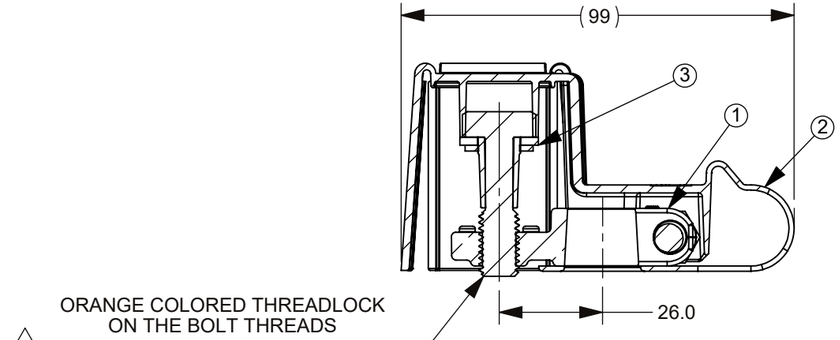




THE COVER OUTER DIMENSIONS ARE
SUBJECT TO VARIABILITY

ASSEMBLY HEIGHT IS DEPENDENT ON THE
CUSTOMER SUPPLIED RING TERMINAL USED





(B) ORANGE COLORED THREADLOCK
ON THE BOLT THREADS

RETENTION TORQUE DEGRADES
WITH EACH DISASSEMBLY

SECTION A-A

(B)

NO.	PART NUMBER	COMPONENT NAME	QTY	U
3	890010900	BMZF M10 Isolated Bolt Assy	3	ea.
2	901-705	BMZF 3 POS Cover	1	ea.
1	890011000	Base Assy, BMZF 3 POS	1	ea.

INTERPRET DRAWING TO ANSI/ASME Y14.5-1994.	
●	FIT/ FUNCTION CRITICAL CHARACTERISTICS SYMBOL
<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 MEASUREMENTAND TRACKINGTO 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

DIMENSION; MM TOLERANCES UNLESS OTHERWISE SPECIFIED
ONE PLACE DECIMAL ± 0.5 THREE PLACES DECIMAL ± 0.100
TWO PLACES DECIMAL ± 0.20 ANGULAR ± 2°

	NAME	DATE
DRAWN	L.VOGL	2/1/2019
CHECKED	-	-
	-	-
	-	-

FORM NO: CVP-PE40-0004 REV A

THIRD ANGLE PROJECTION

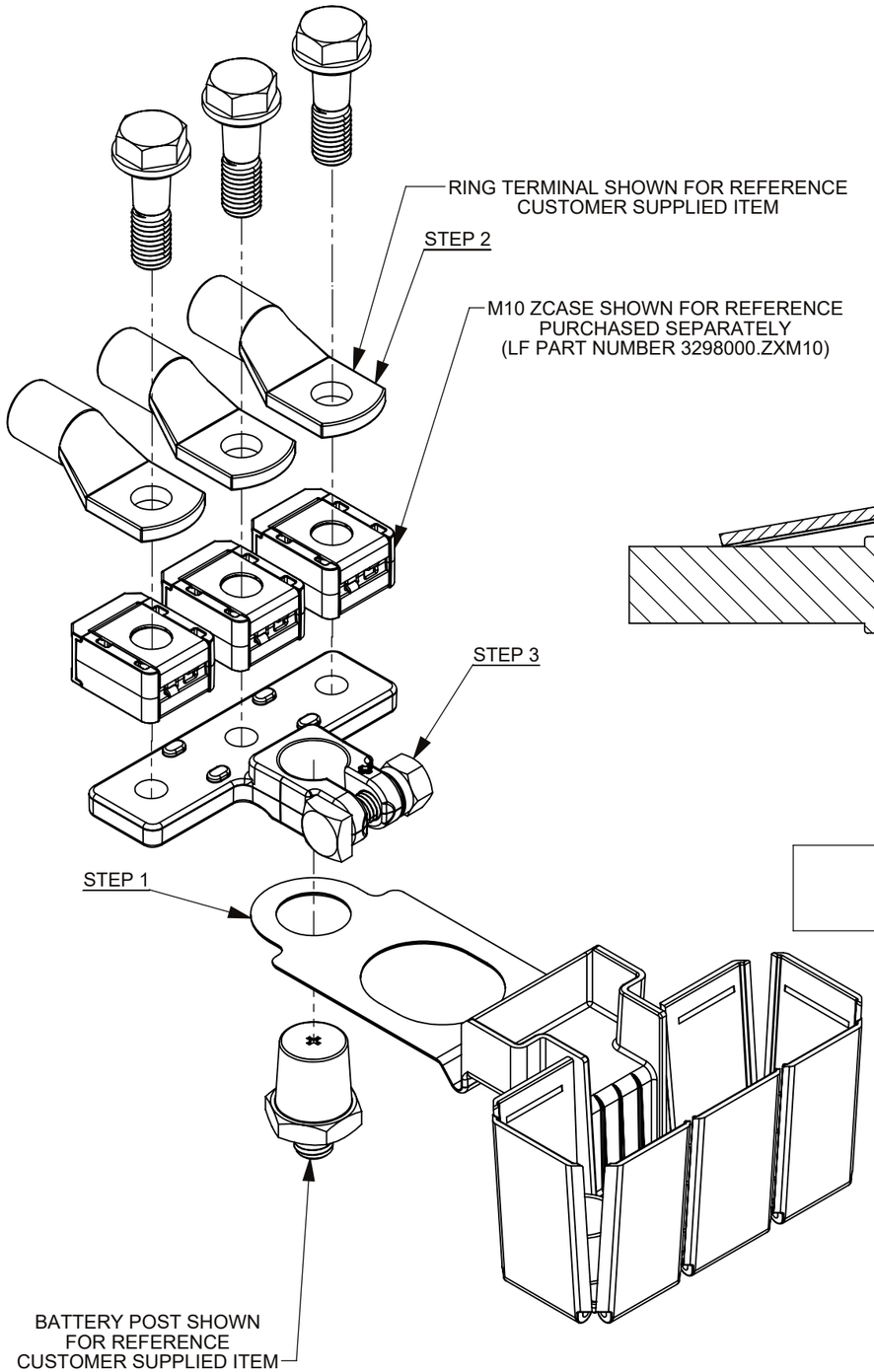
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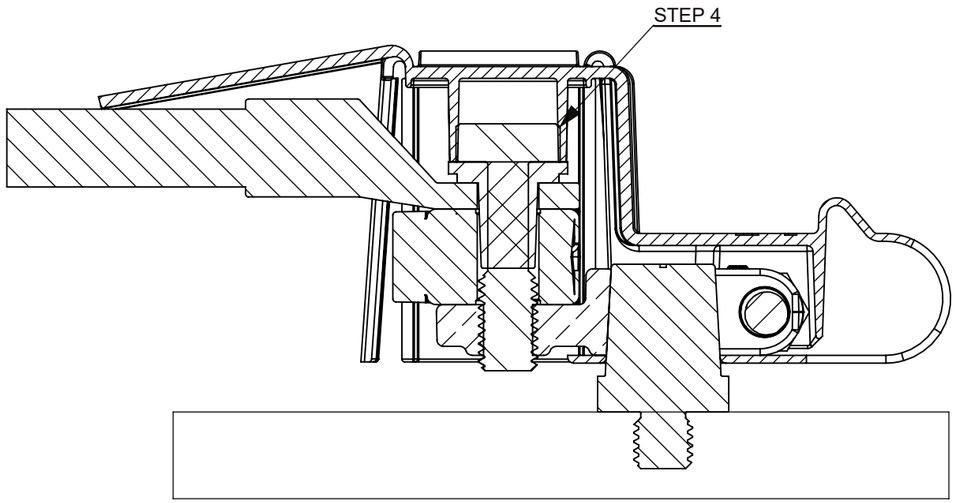
TITLE
BMZF 3 POSITION ASSEMBLY

SIZE	DWG. NO.	REV.
B	OL-FHZ00856	B

DO NOT SCALE DRAWING | SCALE 2:3 | SHEET 1 OF 2

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FULLY ASSEMBLED CROSS SECTION VIEW
SCALE 1:1

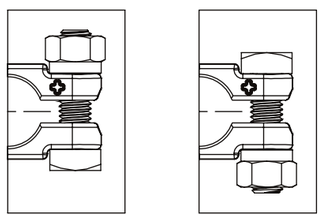


FIGURE 2
M8 NUT AND BOLT ASSEMBLY ORIENTATION

ASSEMBLED WITH M8 BOLT IN THE LEFT HAND ORIENTATION (LEFT HAND IMAGE)

B

M8 NUT AND BOLT CAN BE ASSEMBLED IN LEFT OR RIGHT HAND ORIENTATION

ASSEMBLY STEPS (FOR CUSTOMER USE ONLY)

(RING TERMINAL AND BATTERY POST ARE CUSTOMER SUPPLIED ITEMS)
(M10 ZCASE SOLD SEPARATELY; LITTELFUSE PART NUMBER 3298000.ZXM10)

1. PLACE THE TAIL END OF THE COVER ONTO THE POSITIVE BATTERY POST (1:9 TAPER) WITH THE COVER FACING UPWARDS.
2. ASSEMBLE THE ISOLATED BOLT, M10 RING TERMINAL, & M10 ZCASE TO THE BASE ASSEMBLY. SECURE THE BOLT TO 16±2 N·m.
   BE SURE THE RING TERMINAL DIMENSIONS MATCH THE FOLLOWING REQUIREMENTS (FIGURE 1):
   c2 ≥ 11mm
   IF MORE THAN ONE RING TERMINAL SIZE IS USED, THE THICKNESS (t) OF EACH MUST BE WITHIN 2mm OF EACH OTHER
3. B ATTACH THE BASE ASSEMBLY TO THE POSITIVE BATTERY POST OVER THE COVER. SECURE THE ASSEMBLY BY TIGHTENING THE M8 SHOULDER HEX NUT TO 12±1 N·m.
   M8 NUT AND BOLT CAN BE ASSEMBLED IN LEFT OR RIGHT HAND ORIENTATION FOR BEST ACCESS DURING ASSEMBLY (FIGURE 2).
4. WRAP THE COVER AROUND THE ASSEMBLY AND SECURE IT TO THE BOLT HEAD (AS SHOWN IN THE FULL ASSEMBLY CROSS SECTION). THE RING TERMINAL AND WIRE WILL EXTEND OUT OF ONE OF THE COVER OPENINGS.

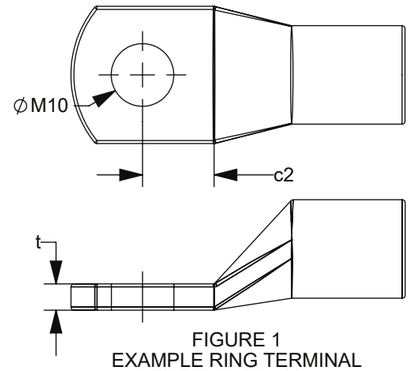


FIGURE 1
EXAMPLE RING TERMINAL
LENGTH "c2" ≥ 11mm
THICKNESS "t" MUST BE WITHIN 2mm
FOR MULTIPLE RING TERMINALS

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	NAME	DATE
DRAWN	L.VOGL	2/1/2019
CHECKED	-	-
	-	-
	-	-

FORM NO: CVP-PE40-0004 REV A
THIRD ANGLE PROJECTION

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TITLE
BMZF 3 POSITION ASSEMBLY

SIZE	DWG. NO.	REV.
B	OL-FHZ00856	B

DO NOT SCALE DRAWING | SCALE 2:3 | SHEET 2 OF 2