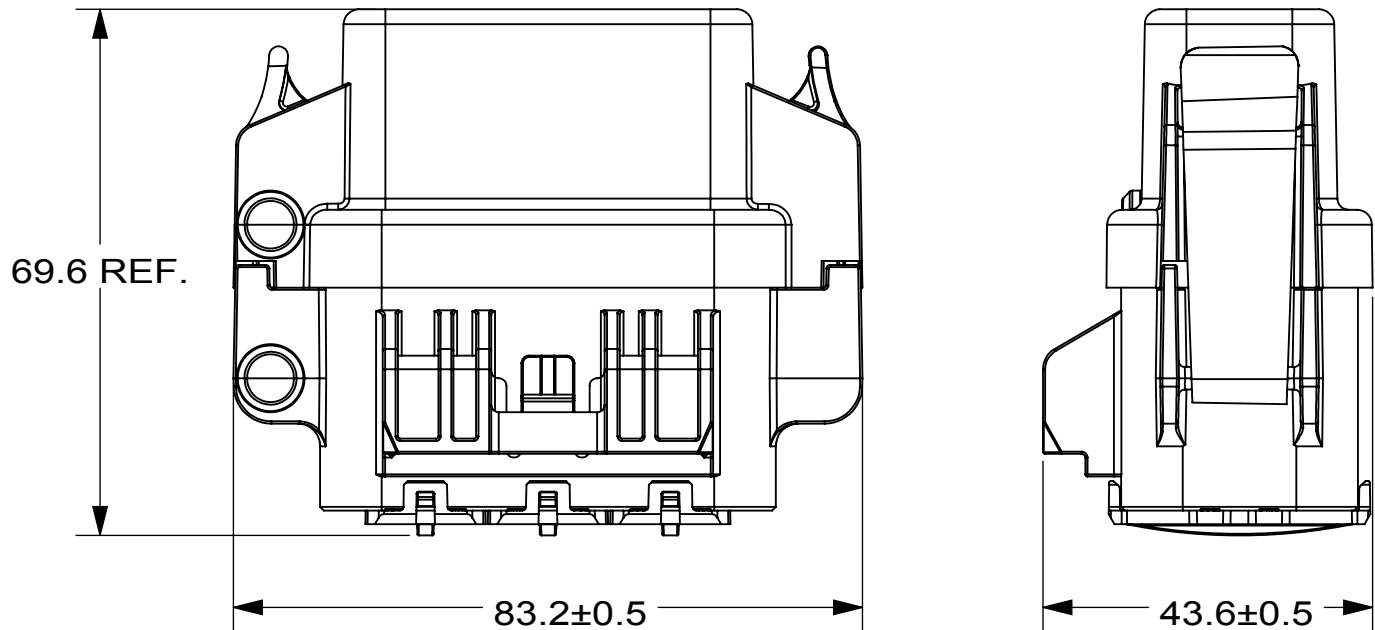
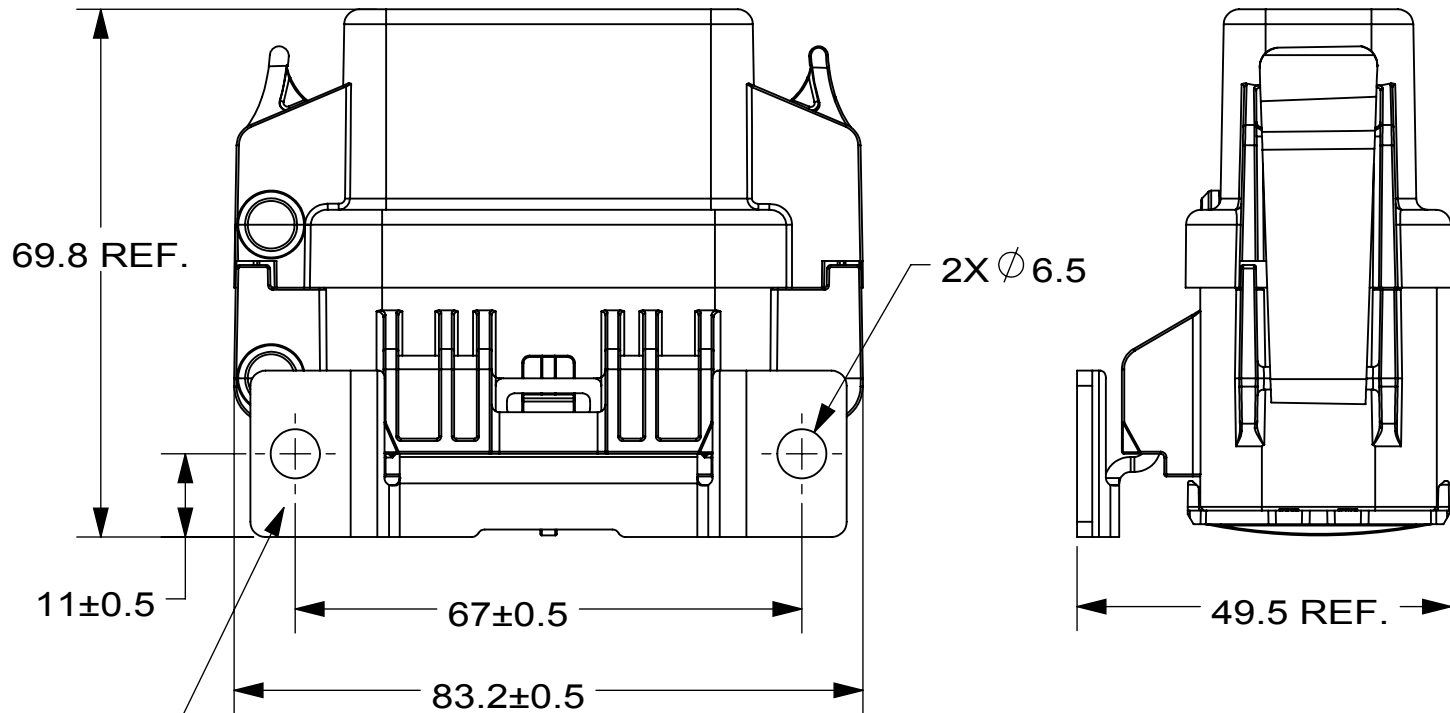


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- NOTES:
1. MATERIAL:
HOUSING: PA66 GF30, BLACK, UL 94 V-0
COVER: PC, COLOR SEE CHART 3 CONFIGURATION
SEAL: SILICON RUBBER, GREEN
TPA: PA66, BLUE, UL94 V-0
 2. OPERATING TEMPERATURE RANGE: -40 °C TO +105 °C.
 3. MATES WITH TE AMP MCP 2.8 FEMALE TERMINAL, FLR CABLE FOLLOW ISO 6722 CLASS C AND DIN 72511, DETAIL SEE CHART 1 FOR ALLOWED TYPES.
 4. 2.8mm BLADES (RATED FOR 40A MAXIMUM). TOTAL MAXIMUM CONTINUOUS CURRENT IS 135A.
 5. TPAs AND METAL BRACKET TO BE PACKED ALONG WITH THE HOLDER SEPARATELY IN BULK.
 6. OPTIONAL TETHER (890009470) TO BE INSTALLED WITH THE PIN ON COVER AND THE PIN ON BASE.
 7. MOUNTING BRACKET (868-964) CAN BE SOLD SEPARATELY, SEE CHART 3 CONFIGURATION.
 8. STRAIGHT BRACKET (868-964) CAN BE REPLACED WITH OPTIONAL 30° ANGLE BRACKET (868-068) IF NEEDED.
 9. MOUNTING TORQUE 5.5~6.5 Nm, M6 BOLT & LOCK WASHER.
 10. IF RELAY(S) IS (ARE) APPLIED, FOAM(S) (901-327) MUST BE FIXED ON THE RELEVANT PLACE(ES) IN COVER TO RETAIN THE RELAY(S). RELAY MUST BE INSERTED AT ASSIGNED LOCATION. REFER TO VIEW WITH RELAYS AND FOAMS ON PAGE 3.
 11. INGRESS PROTECTION RATING: IP67.

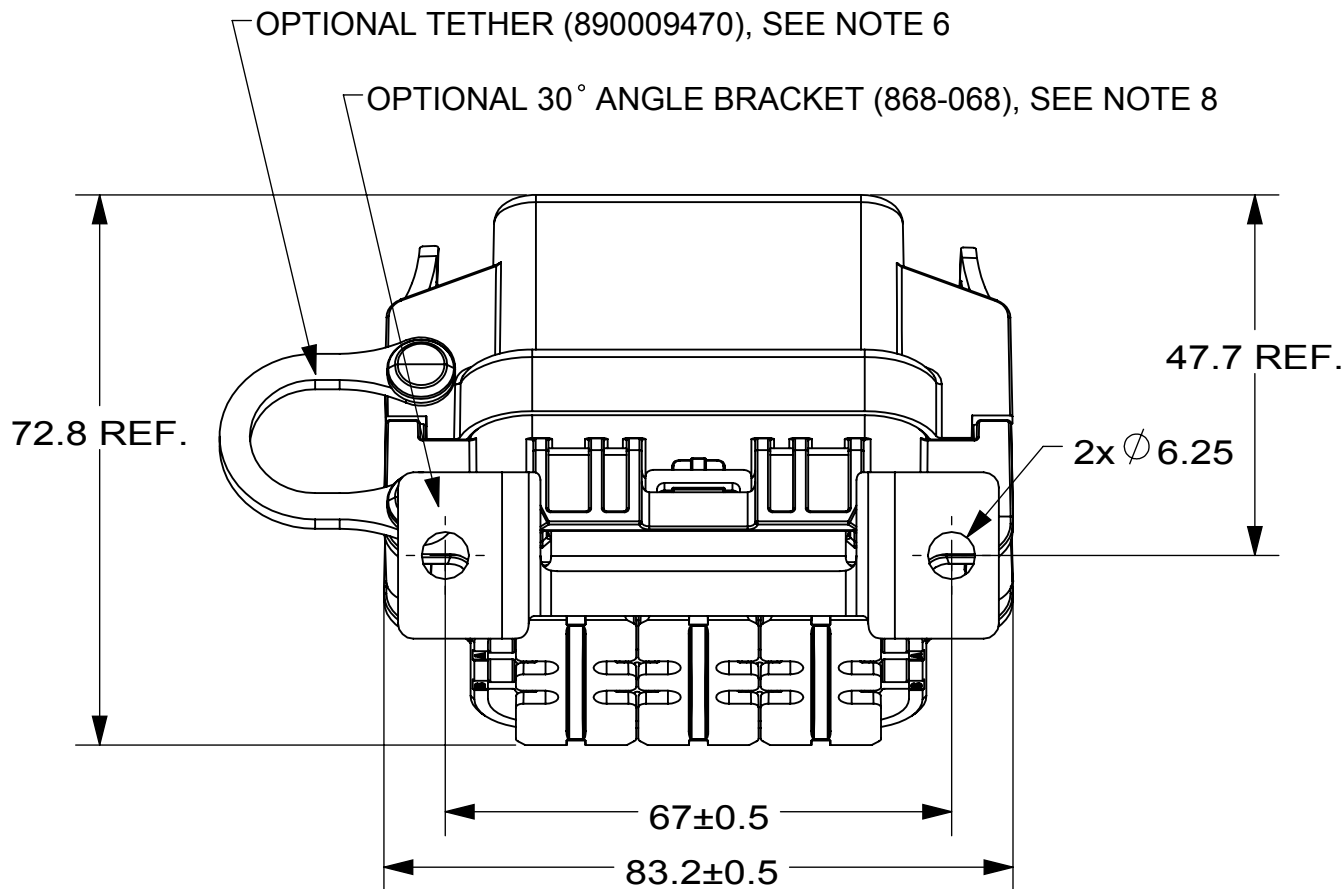


VIEW WITHOUT BRACKET

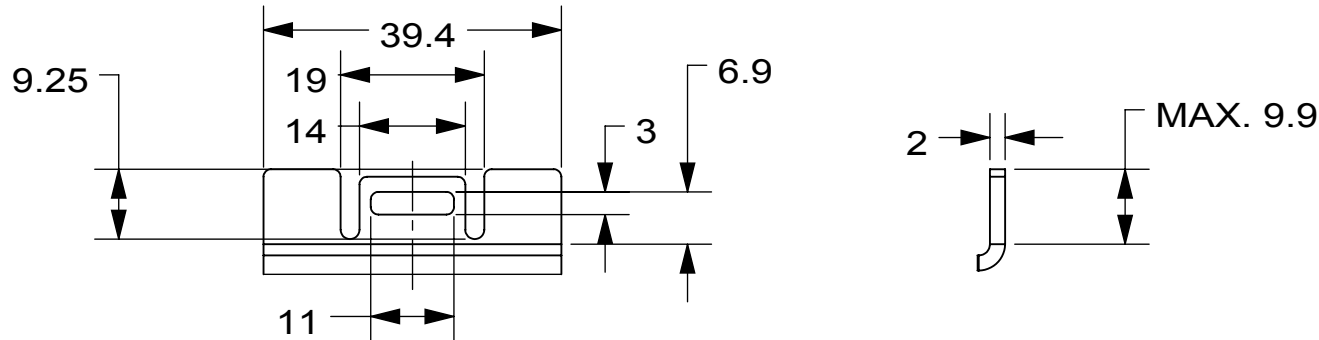
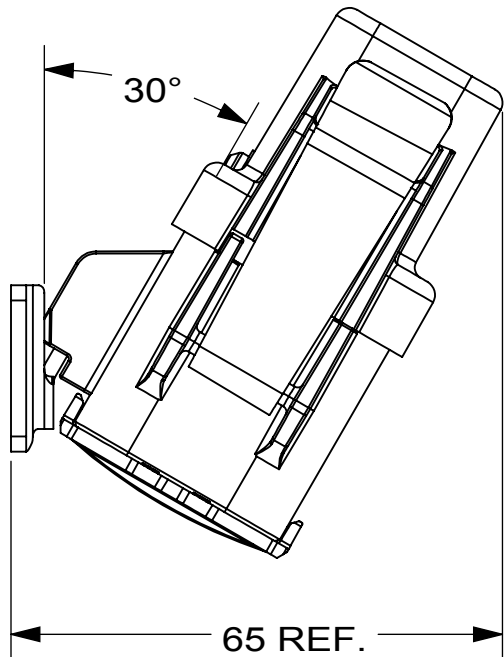


STRAIGHT BRACKET (868-964), SEE NOTE 7

VIEW WITH STRAIGHT BRACKET



VIEW WITH TETHER AND 30° ANGLE BRACKET

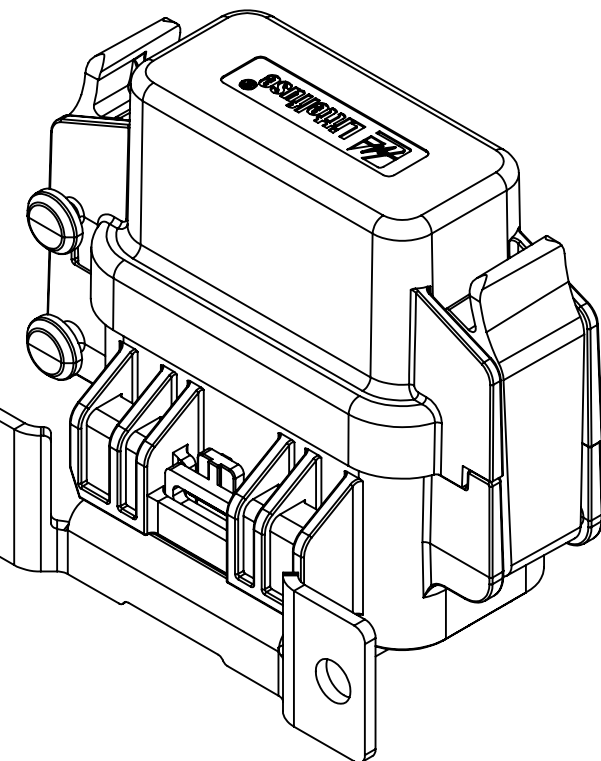





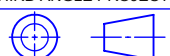
THE LATCHING GEOMETRY OF BRACKET

CHART 3: CONFIGURATION

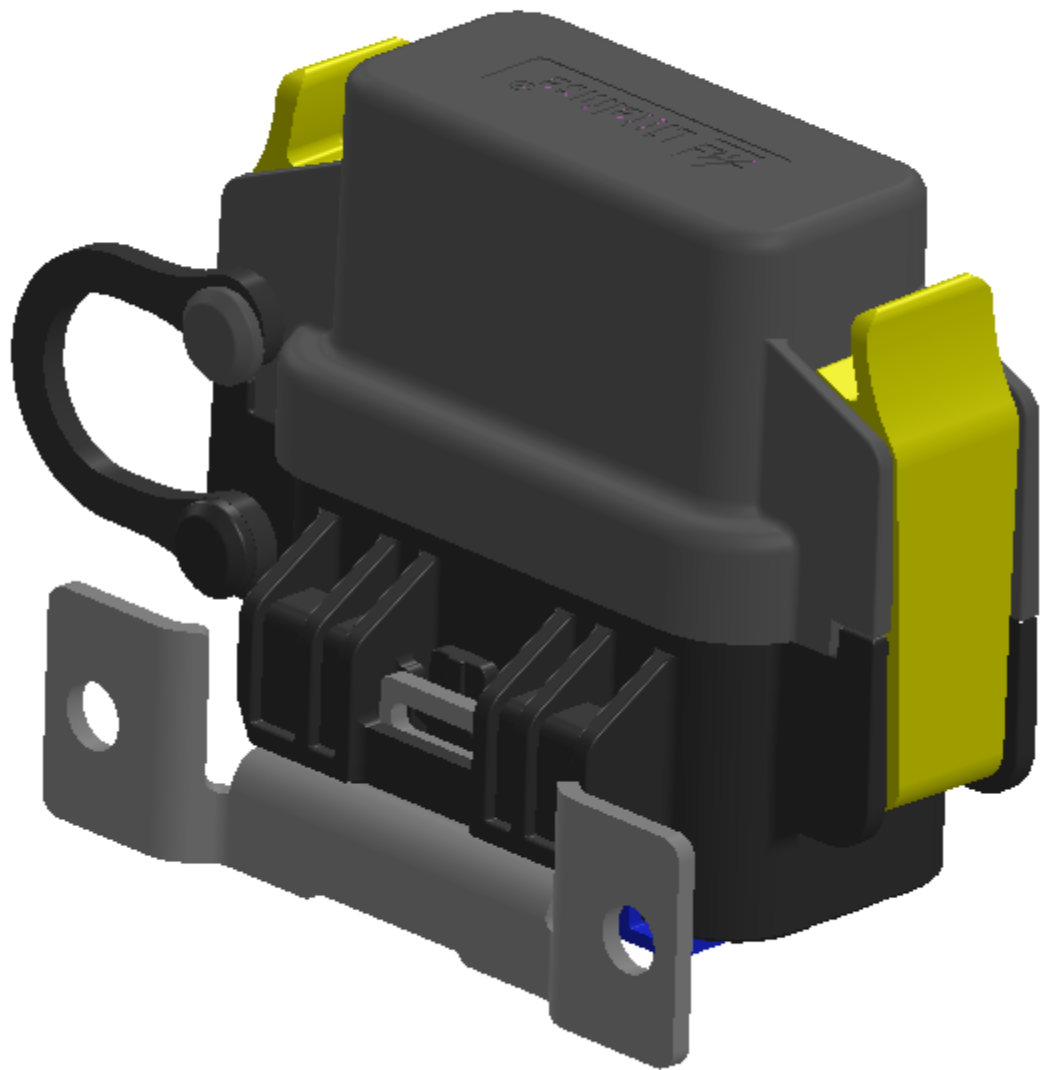
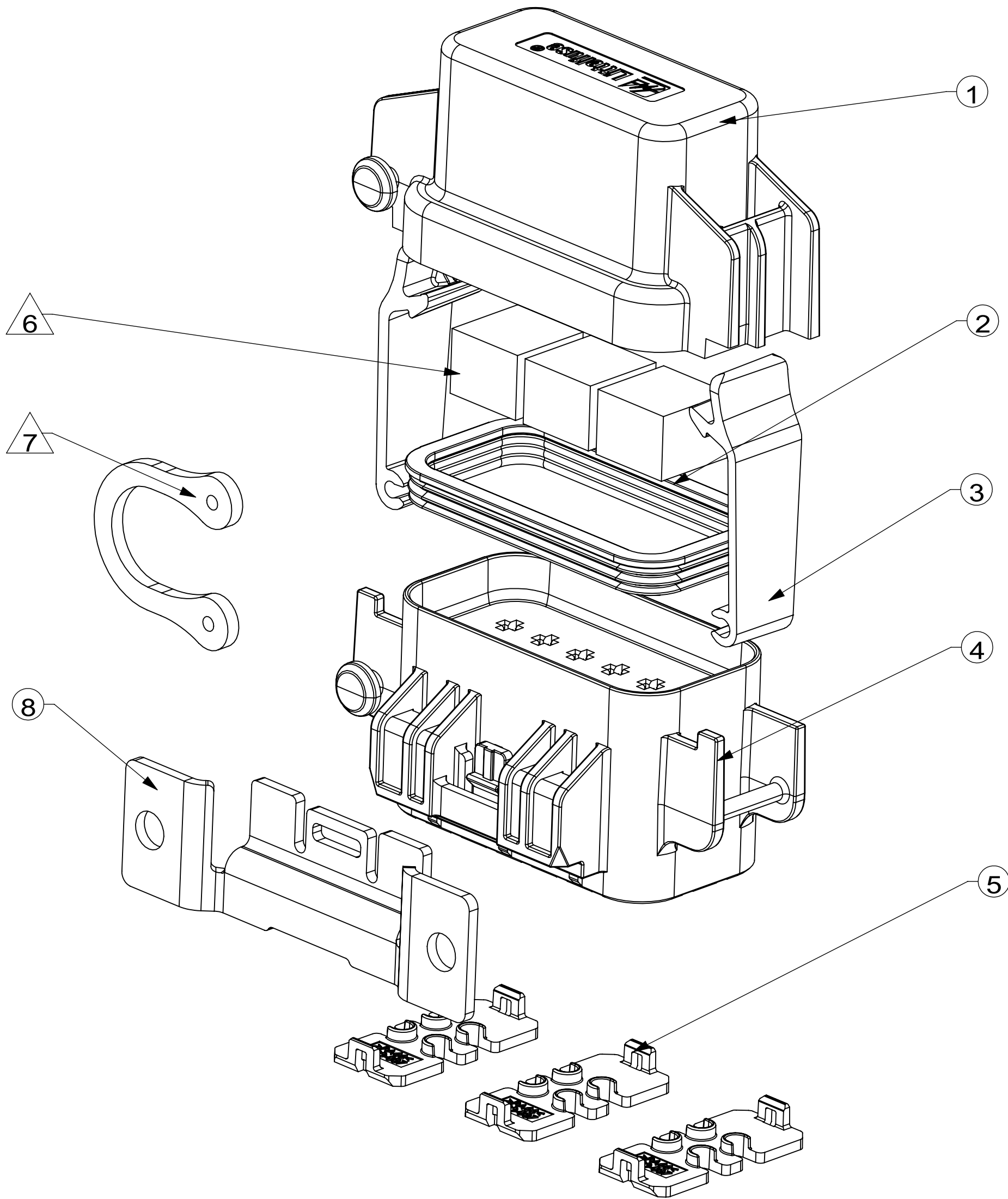
HWB12 P/N	COVER			STRAIGHT BRACKET (868-964)
	CLEAR	BLACK	REMARK	
PDM33001ZXM	x		UL94 V-2	
PDM33002ZXM		x	UL94 V-0	
PDM33003ZXM	x		UL94 V-2	x
PDM33004ZXM		x	UL94 V-0	x

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	EC #515015 INITIAL RELEASE	11/30/2015	
	B	EC #515383 ADD NEW P/N WITH MOUNTING BRACKET	01/06/2016	
	C	EC #515712 ADD PAGE 2,PAGE 3	03/30/2016	
D1,E3,E4	D	EC #516067 CORRECT THE MISSED SKETCH OF LATCHES IN VIEW WITH STRAIGHT BRACKET	06/28/2016	






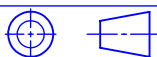
DIMENSIONS ARE SHOWN IN MILLIMETERS. DIMENSIONS AND TOLERANCES ARE DEFINED ACCORDING TO ANSI/ASME Y14.5-1994.						
	DENOTES PRODUCTS CRITICAL CHARACTERISTICS					
CPK	DENOTES CPK DIMENSIONS MINIMUM CPK VALUE					
	DENOTES A CHARACTERISTIC THAT PROVIDES AN INDICATION OF PROCESS PERFORMANCE.PROCEDURE FOR MEASUREMENTAND 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					
TOLERANCES UNLESS OTHERWISE SPECIFIED (REF.ISO2768-M)						
DIMENSION	0.5 - 3	UP TO 3 - 6	OVER 6 - 30	UP TO 30 - 120	OVER 120 - 400	ANGLE
TOLERANCES	±0.1	±0.1	±0.2	±0.3	±0.5	±1°
NAME		DATE		 Excerpt Applied Answer's Be. record No.6 Xinghai Street,Suzhou Industry Park,China Phone +86 512 6761 3189 Fax +86 512 6761 1489		
DRAWN		J. LI				
CHECKED		E.JIN				
TITLE				HARD WIRE BOX -12		
THIRD ANGLE PROJECTION						
						
DO NOT SCALE DRAWING		SIZE C	DWG. NO. OL-PDM33000ZXM			REV. D
		SCALE 1:1			SHEET 1 OF 3	

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
		SEE PAGE 1		



NOTE:
PARTS MARKED △ TO BE ORDERED SEPARATELY.

#	PART	QT'Y	REMARK
1	COVER	1	TWO COLOR: CLEAR AND BALCK
2	SEAL	1	
3	YELLOW LATCH	2	
4	BASE	1	
5	TPA	3	
6	FOAM	0~3	APPLY 1 EA FOAM FOR EACH RELAY
7	TETHER	1	OPTIONAL, P/N: 890009470
8	BRACKET	1	OPTIONAL, P/N: 868-964

DIMENSIONS ARE SHOWN IN MILLIMETERS. DIMENSIONS AND TOLERANCES ARE DEFINED ACCORDING TO ANSI/ASME Y14.5-1994.						
	DENOTES PRODUCTS CRITICAL CHARACTERISTICS					
CPK	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					
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					
TOLERANCES UNLESS OTHERWISE SPECIFIED (REF. ISO2768-M)						
DIMENSION	0.5 - 3	3 - 6	6 - 30	30 - 120	120 - 400	ANGLE
TOLERANCES	±0.1	±0.1	±0.2	±0.3	±0.5	±1°
DRAWN	NAME	DATE	 Excerpt applied Answer's Be word No.6 Xinghai Street, Suzhou Industry Park, China Phone +86 512 6761 3189 Fax +86 512 6761 1489			
CHECKED	J. LI	10/29/2015				
THIRD ANGLE PROJECTION			TITLE			
			HARD WIRE BOX -12			
DO NOT SCALE DRAWING			SIZE	DWG. NO.	REV. D	
			C	OL-PDM33000ZXM		
			SCALE 1:2	SHEET 2 OF 3		

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
		SEE PAGE 1		

ASSEMBLY STEPS (FOR CUSTOMER ASSEMBLY USE ONLY)

STEP1: OPEN THE YELLOW LATCHES BY HAND, AND REMOVE THE COVER.

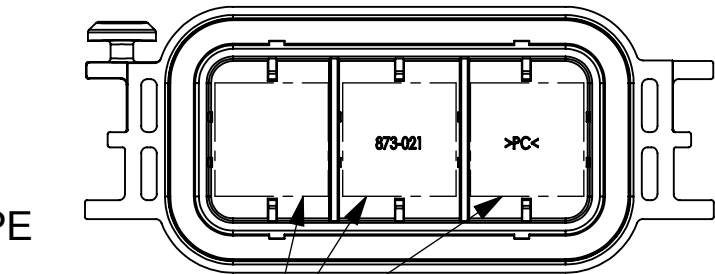
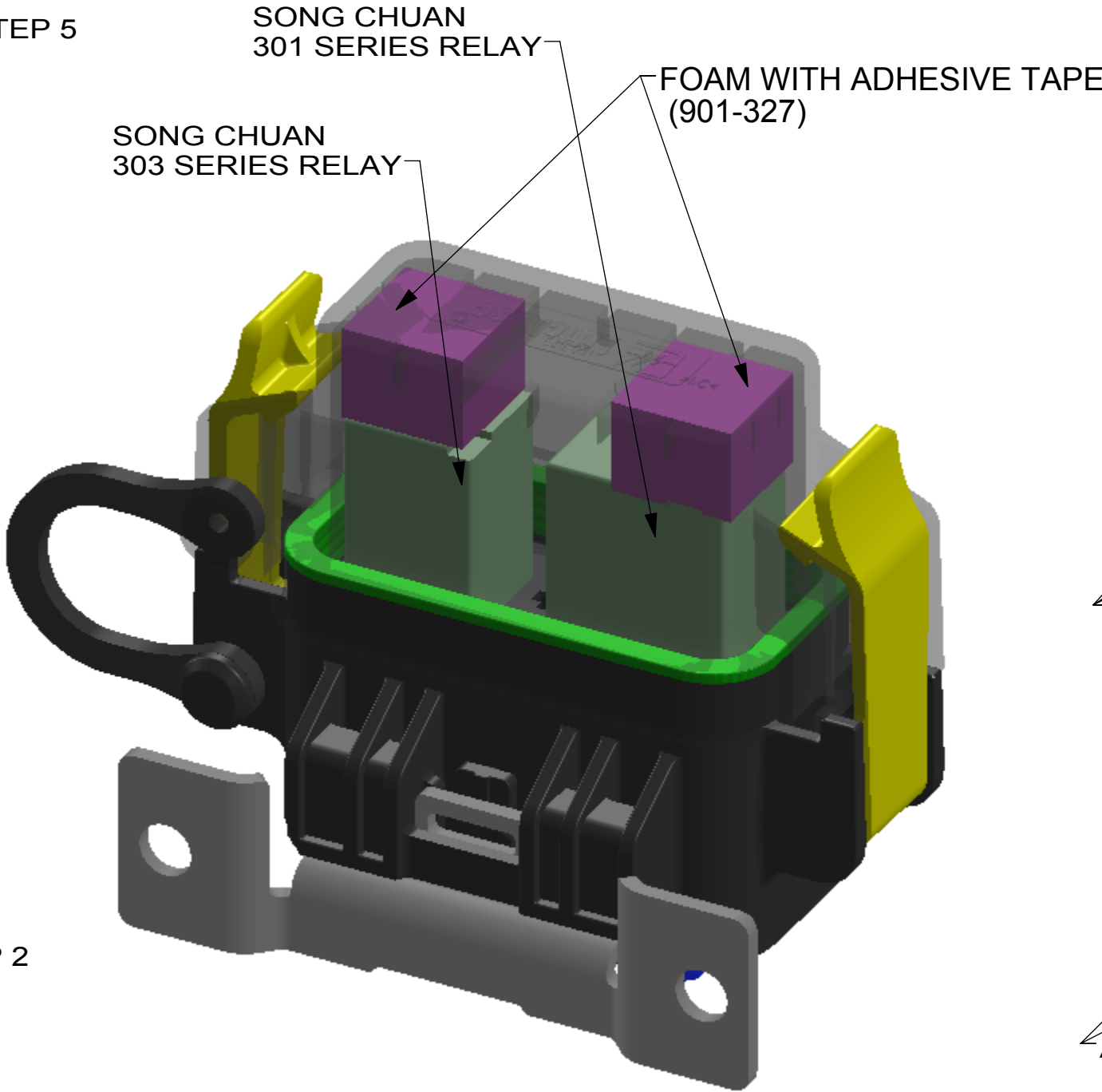
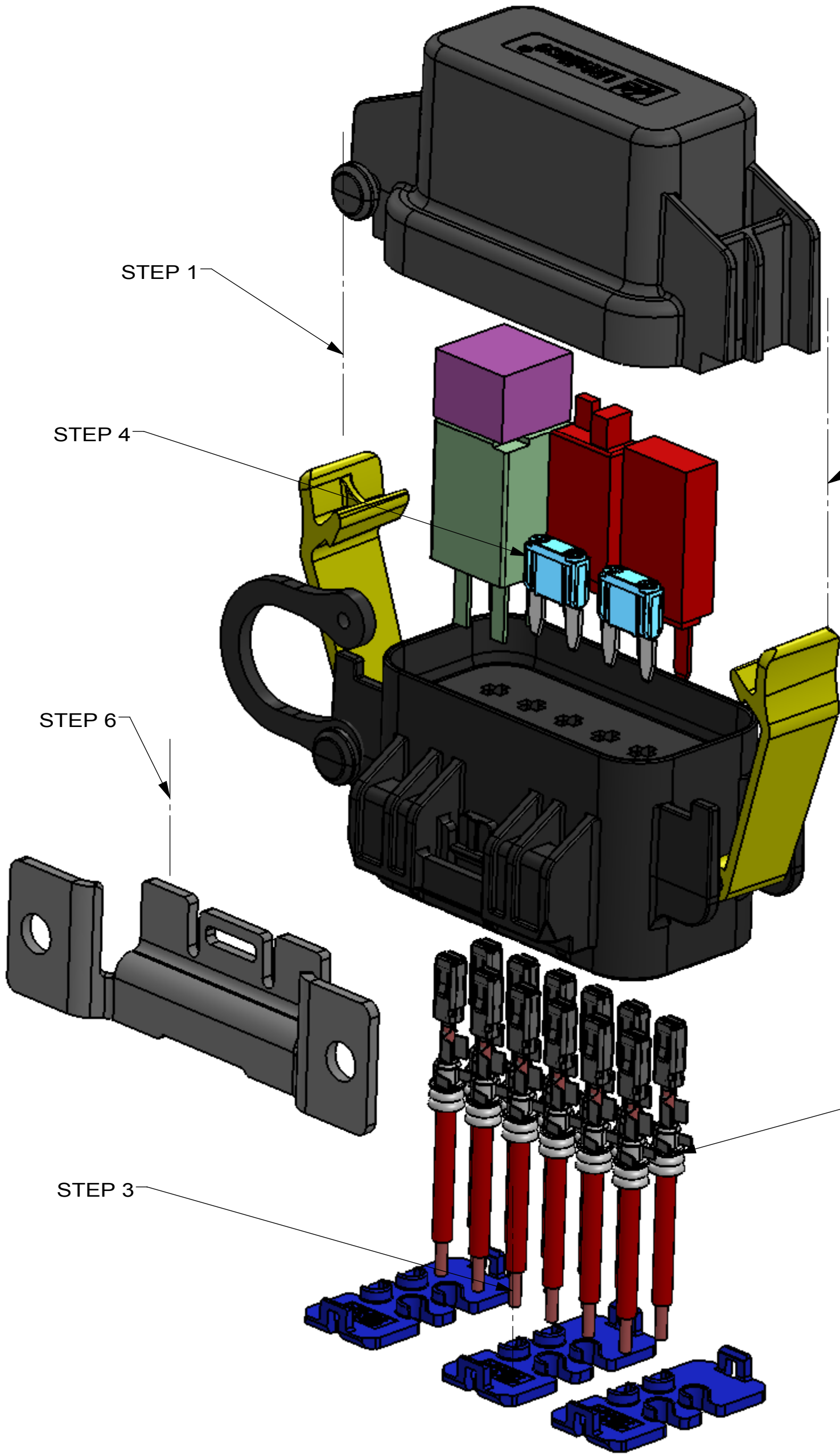
STEP2: PUT CABLE THROUGH THE CABLE SEAL AND STRIP THE CABLE, CRIMP THE CABLE AND CABLE SEAL WITH TE 2.8mm TERMINAL.

STEP3: INSERT THE CABLE WITH TERMINAL TO THE CABLE CAVITIES OF BASE UNTIL HEAR A CLICK SOUND, AND THEN SNAP THE TPAS TO THE BASE.

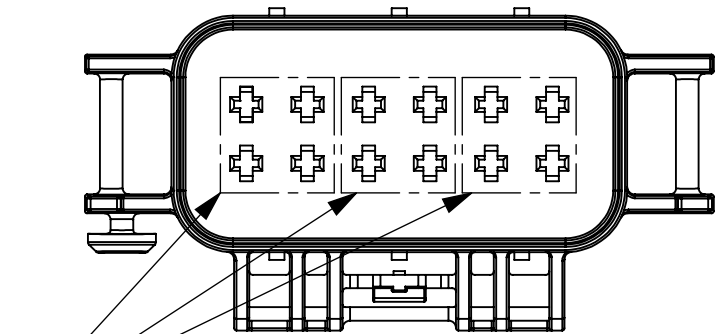
STEP4: INSERT 6 MINI FUSES OR COMBINATION OF MINI FUSE, MCASE FUSE (NEED ADAPTER), MINI CIRCUIT BREAKER AND RELAY.
PASTE A FOAM (901-327) ON THE RELEVANT PLACE IN COVER FOR EACH RELAY (IF APPLIED).

STEP5: ASSEMBLE THE COVER (SEAL SEATED BY LATCHES) WITH BASE AND SNAP THE YELLOW LATCHES.

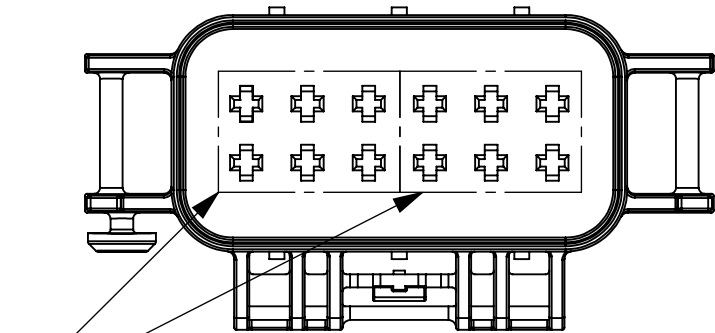
STEP6: OPTIONAL: INSERT THE BRACKET TO THE UNIT.



FOAM AREAS IN COVER








ALLOWED LOCATIONS FOR 4-PIN RELAY



ALLOWED LOCATIONS FOR 5-PIN RELAY

VIEW WITH RELAYS AND FOAMS

DIMENSIONS ARE SHOWN IN MILLIMETERS. DIMENSIONS AND TOLERANCES ARE DEFINED ACCORDING TO ANSI/ASME Y14.5-1994.														
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CPK	DENOTES CPK DIMENSIONS MINIMUM CPK VALUE													
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DIMENSION	0.5 - 3	UP TO 3	OVER 3 - 6	UP TO 6	OVER 6 - 30	UP TO 30	OVER 30 - 120	UP TO 120	OVER 120 - 400	UP TO 400	ANGLE			
TOLERANCES	±0.1		±0.1		±0.2		±0.3		±0.5		±1*			
NAME			DATE			 Excessive Application Answer's Be. record No.6 Xinghai Street, Suzhou Industry Park, China Phone +86 512 6761 3189 Fax +86 512 6761 1489								
DRAWN			J. LI									10/29/2015		
CHECKED			-									-		
			-									-		
TITLE														
HARD WIRE BOX -12														
THIRD ANGLE PROJECTION														
			DO NOT SCALE DRAWING			SIZE C			DWG. NO. OL-PDM33000ZXM			REV. D		
SCALE 1:1						SHEET 3 OF 3								