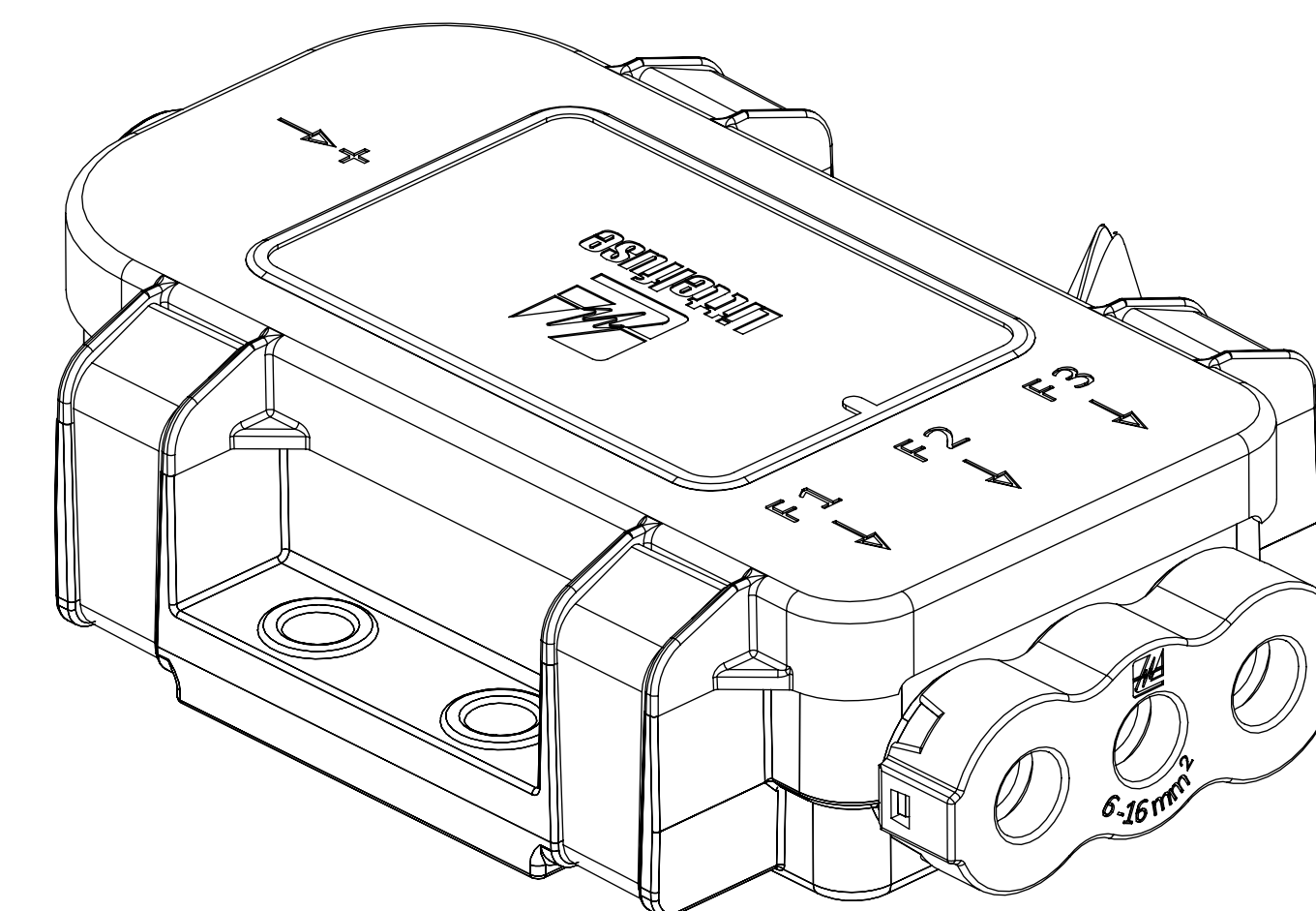
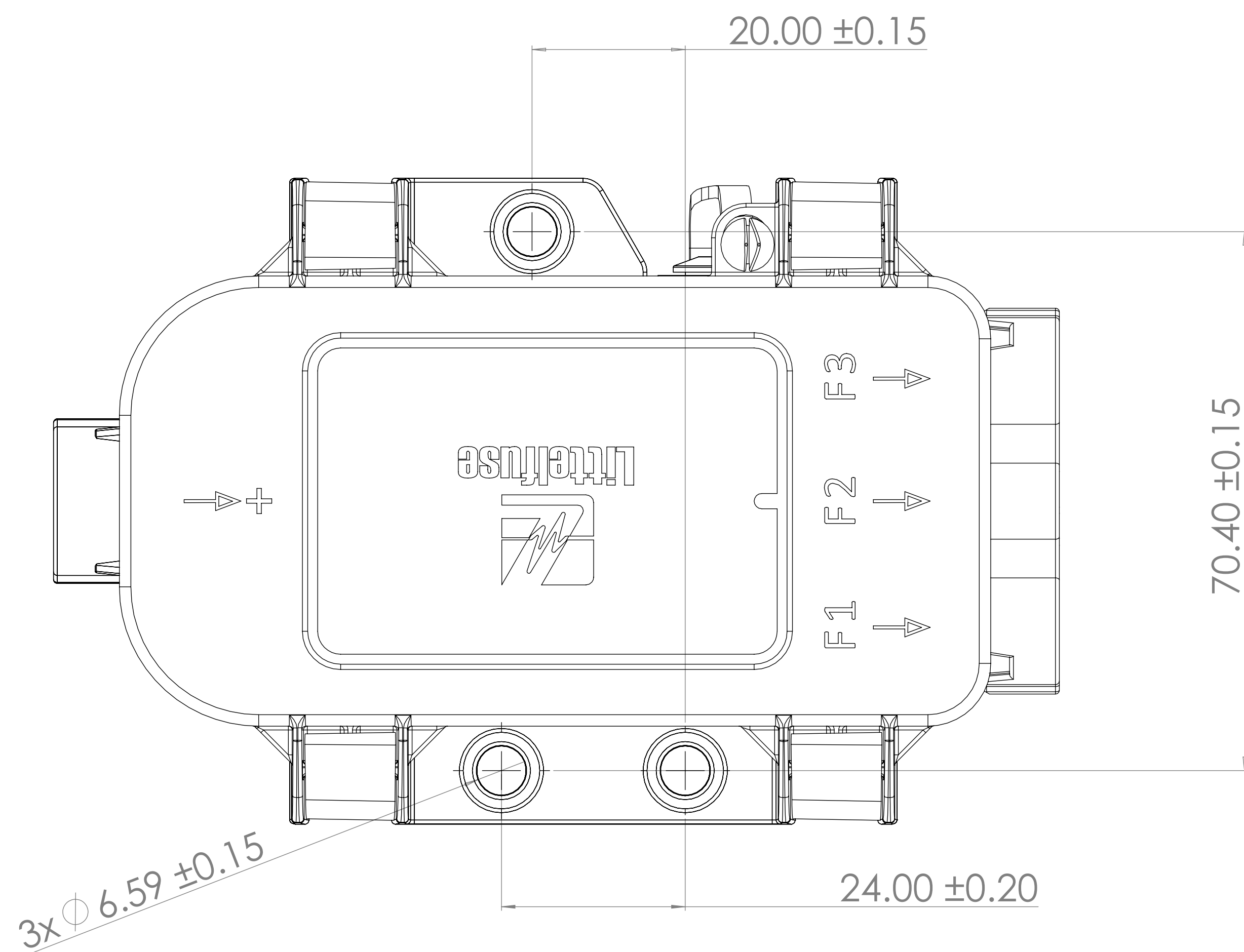
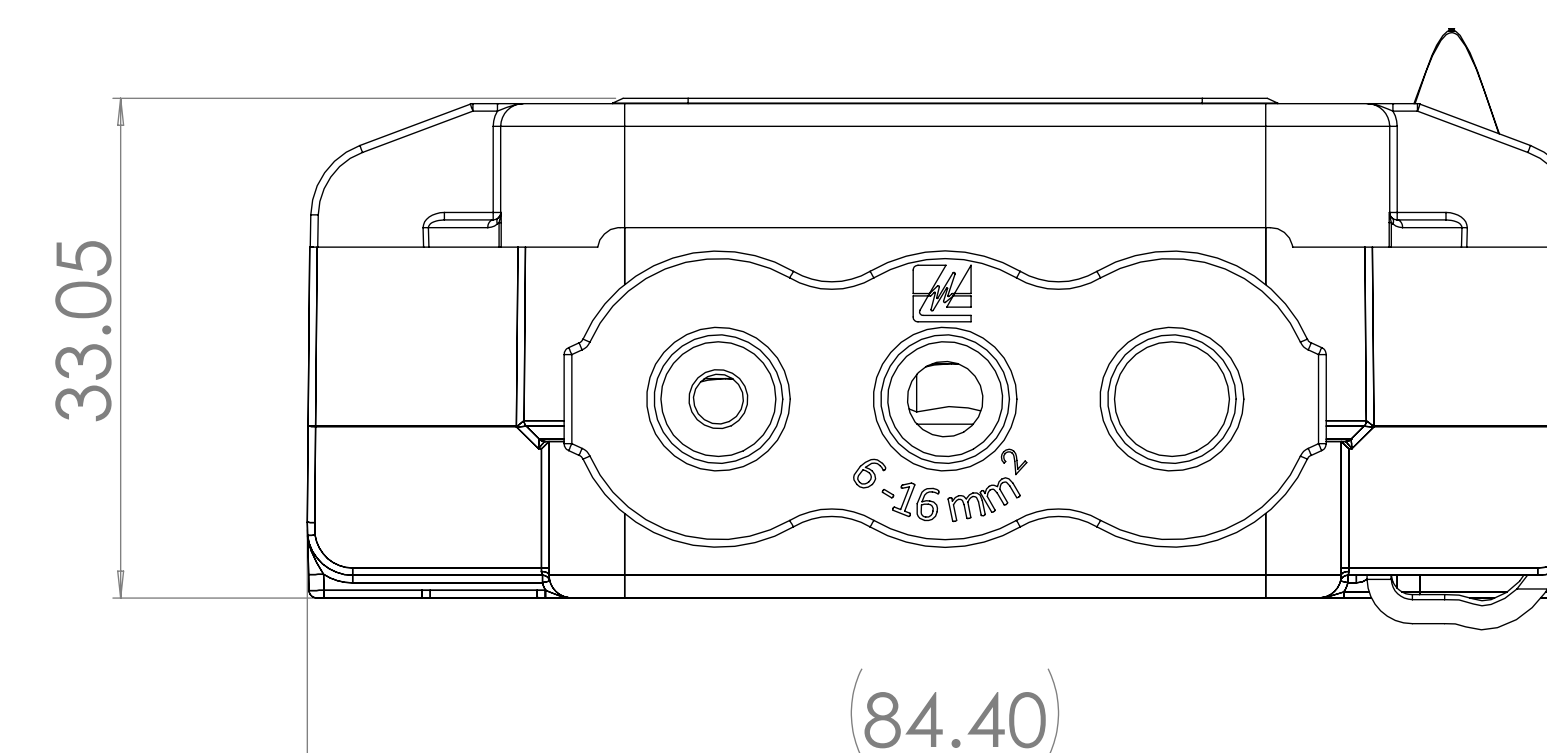
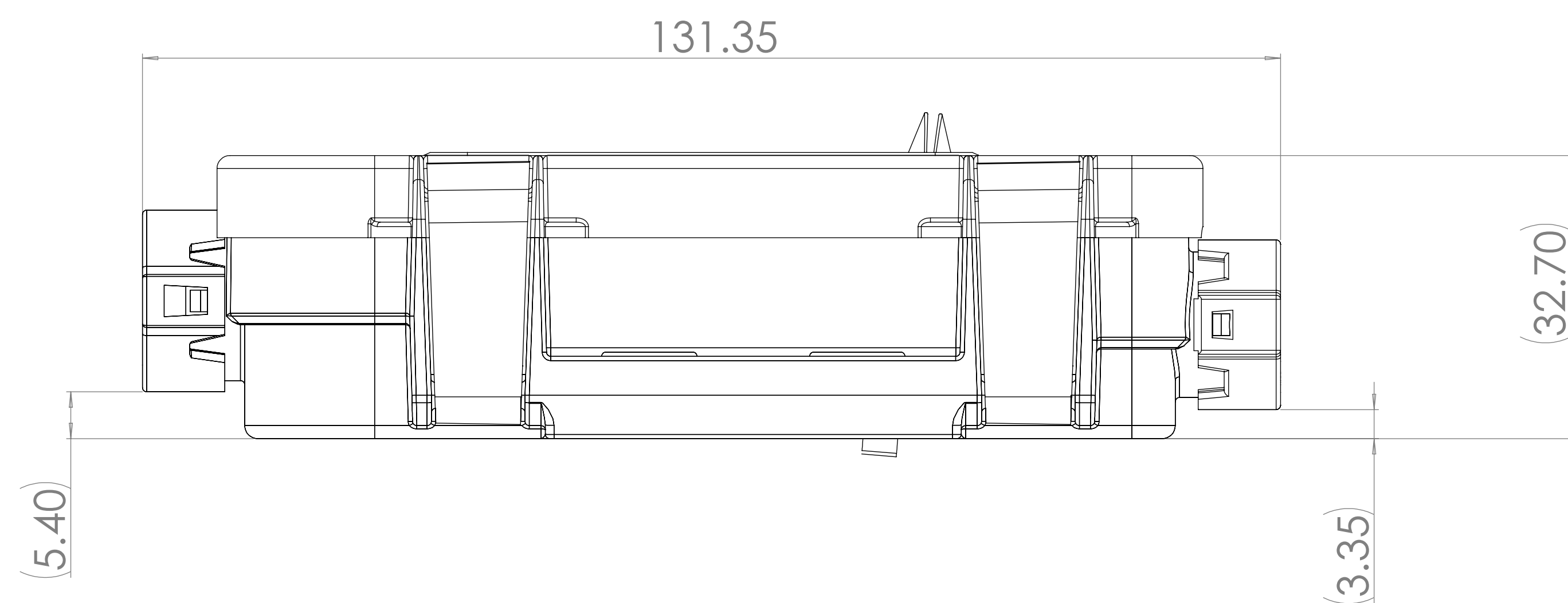


| LTR | DATE    | REVISION                                 | CHK | APD |
|-----|---------|--|-----|-----|
| A   | 3/19/15 | ERN# 511514<br>CAD INITIAL ALPHA RELEASE | SYU |     |
|     |         |  |     |     |
|     |         |  |     |     |



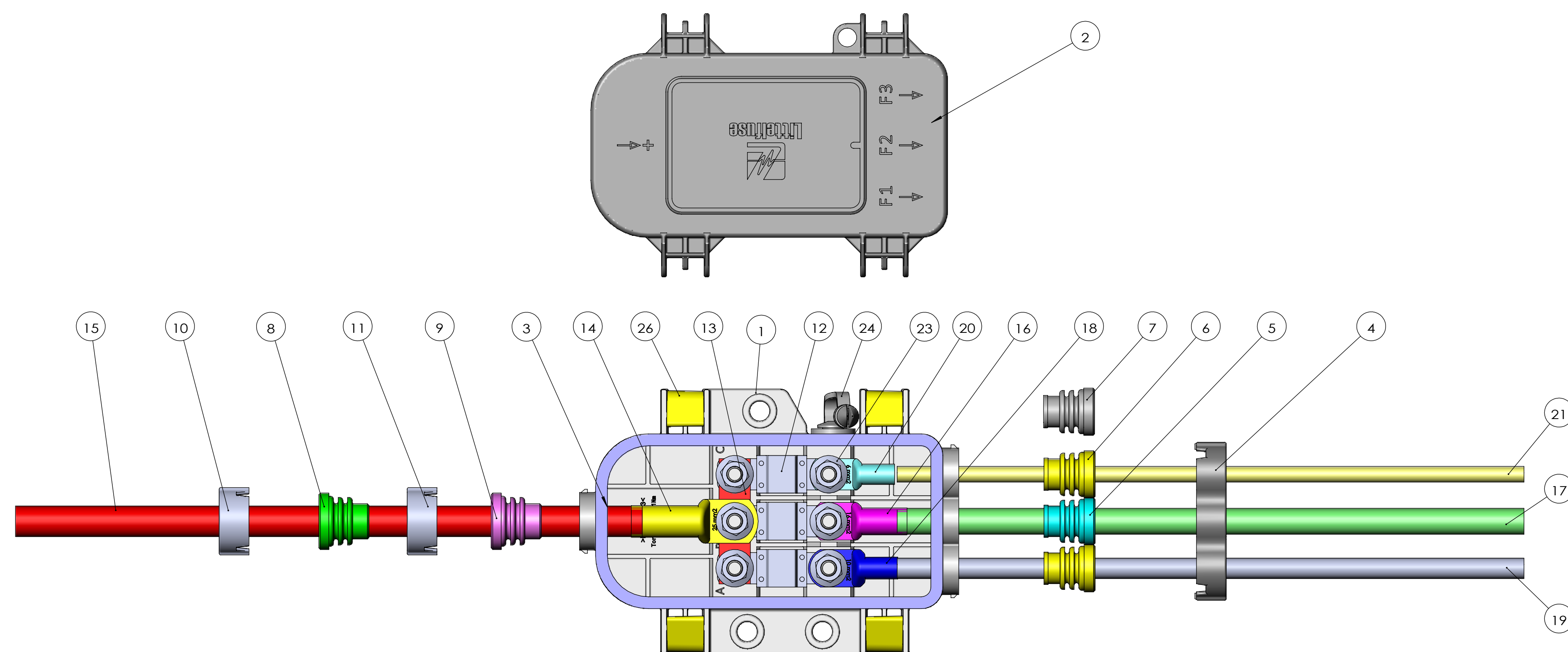
| Product Specification                                       |                     |
|---|---------------------|
| Operating Voltage (20 ° C Ambient Temp)                     | +6 to +58 VDC       |
| Maximum Total Current                                       | 200 A               |
| Storage Temperature Range                                   | -55°C to +125°C     |
| Ambient External Air Operating Temperature (0 m/s Air Flow) | -40°C to +120°C     |
| Maximum Physical Dimensions                                 | 131x 68x 38 mm      |
| Applicable Validation Standards                             | ISO 16750-3, J1455, |
| Estimated Weight (no Fuses)                                 | 0.2 kg              |
| Flammability  | UL94-V0             |
| Water Ingress   | IP67,IP69K          |
| Mounting Hole Torque  | 7.0 ± 1.0 N         |



| NO   | COMPONENT NO  | DESCRIPTION                | QTY/M  | U/M         |           |
|--|---|----------------------------|--------|-------------|-----------|
| BILL OF MATERIAL   |   |                            |        |             |           |
| UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS. DIMENSIONS IN BRACKETS [ ] ARE INCHES |   |                            |        |             |           |
| UNLESS OTHERWISE SPECIFIED, DIMENSIONS DO NOT INCLUDE PLATING.                                   |   |                            |        |             |           |
| ⊙  | DENOTES CRITICAL CHARACTERISTICS.   |                            |        |             |           |
| C/CPK  | DENOTES CPK DIMENSIONS, -MINIMUM CPK VALUE  |                            |        |             |           |
| <S>  | 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               |                            |        |             |           |
| MATERIAL SPECIFICATION   |   |                            |        |             |           |
| COPIES TO  |   | COMPOSITE                  |        |             |           |
| 1  | 9   | 18                         |        |             |           |
| 2  | 10  | 19                         | FINISH |             |           |
| 3  | 12  | 20                         |        |             |           |
| 4  | 13  | 21                         | DRW    | SYU         |           |
| 5  | 14  | 23                         | DATE   | 3/19/15     |           |
| 6  | 15  | 33                         | SCALE  | 1:1         |           |
| 7  | 16  | 43                         | CHK    | DATE        |           |
| 8  | 17  | 53                         | APPD   | DATE        |           |
|  |   |                            | FINISH | GOOD WT     |           |
|  |   |                            |        | GRAMS/PIECE |           |
| TOLERANCES UNLESS OTHERWISE SPECIFIED (REF. ISO 2768-mK)   |   |                            |        |             |           |
| DIMENSION  | 0.5 - 3   | 3 - 6                      | 6 - 30 | 30 - 120    | 120 - 400 |
| TOLERANCE  | +0.1  | +0.1                       | +0.2   | +0.3        | +0.5      |
| 3RD ANGLE PROJECTION   | TITLE   |                            |        |             |           |
| NEW 2_3 WAY MIDI FUSE BOX  |   |                            |        |             |           |
| METRIC ASSEMBLY  |   | Littelfuse                 |        |             |           |
| SUZHOU CHINA   |   | REVISION                   |        |             |           |
| Expertise Applied   Answers Delivered  |   | DRWG.NO.(PART.NO.)         |        |             |           |
| 9751-1189  |   | OL-04980933ZT / 04980932ZT |        |             |           |

CAD GENERATED DRAWING - NO PENCIL CHANGES ALLOWED (rev A)

| LTR | DATE    | REVISION                                 | CHK | APD |
|-----|---------|--|-----|-----|
| A   | 3/19/15 | ERN# 511514<br>CAD INITIAL ALPHA RELEASE | SYU |     |



| ITEM NO. | PartNo            | DESCRIPTION  | QTY. |
|----------|-------------------|--|------|
| 1        | OHBFA001BASE3     | 3 WAY HOUSING  | 1    |
| 2        | OHBFA001COVER     | 2_3 WAY LID  | 1    |
| 3        | OHBFA001SEALW     | 2_3 WAY SEAL   | 1    |
| 4        | OHBFA001CAPB      | BACK CAP, 6-16 mm Sq                                       | 1    |
| 5        | OHBFA001SEALB     | Cable seal 10-16 mm2 (BLUE)                                | 1    |
| 6        | OHBFA001SEALY     | Cable seal 6-10 mm2 (YELLOW)                               | 2    |
| 7        | OHBFA001SEALC     | Cable seal blind (GREY)                                    | 1    |
| 8        | OHBFO003ZXS25-GN  | INPUT CABLE SEAL 25MM2 (GREEN)                             | 1    |
| 9        | OHBFO003ZXS16-PK  | Cable Seal 16 mm2 input (PINK)                             | 1    |
| 10       | OHBFO003ZXCAP25   | Cap Front input,25 mm2                                     | 1    |
| 11       | OHBFO003ZXCAP16   | Cap Front input,16mm2                                      | 1    |
| 12       |                   | 3 Midi Fuse  | 1    |
| 13       | OHBFO001ZX3BBAR   | 3 WAY BUS BAR  | 1    |
| 14       | Customer Provided | 25 square mm cable ring terminal                           | 1    |
| 15       | Customer Provided | 25 square mm cable   | 1    |
| 16       | Customer Provided | 16 square mm cable ring terminal                           | 1    |
| 17       | Customer Provided | 16 square mm cable   | 1    |
| 18       | Customer Provided | 10 square mm cable ring terminal                           | 1    |
| 19       | Customer Provided | 10 square mm cable   | 1    |
| 20       | Customer Provided | 6 square mm cable ring terminal                            | 1    |
| 21       | Customer Provided | 6 square mm cable  | 1    |
| 23       | 890008800         | FLANGE LOCKING NUT- M5 X 0.8 CLASS 8.0 PER DIN EN ISO 2320 | 6    |
| 24       | 873-680           | Tether black   | 1    |
| 25       | OHBFA001SCREW     | 2_3 WAY SCREW  | 4    |
| 26       | OHBFA001CLIP      | 2_3 WAY LATCH  | 4    |

| Cable Size   | Input cable cap | Input cable seal | Others |
|--------------|-----------------|------------------|--------|
| 25 mm2 cable | 10              | 8                |        |
| 16 mm2 cable | 11              | 9                |        |

| Cable Size   | Output cable seal | Output cable cap | Others                            |
|--------------|-------------------|------------------|-----------------------------------|
| 16 mm2 cable | 5                 | 4                |                                   |
| 10 mm2 cable | 6                 |                  |                                   |
| 6 mm2 cable  | 6                 |                  |                                   |
| None         | 7                 |                  | One hole blocked in 2 way housing |

| ASSEMBLY PN | DESCRIPTION | COVER         | HOUSING       | BUS BAR         | Tether  | Latch        | Cover Seal    | M3 Screw      | M5 Nut    |
|-------------|-------------|---------------|---------------|-----------------|---------|--------------|---------------|---------------|-----------|
| 04980933ZXT | 3 WAY FH    | OHBFA001COVER | OHBFA001BASE3 | OHBFO001ZX3BBAR | 873-680 | OHBFA001CLIP | OHBFA001SEALW | OHBFA001SCREW | 890008800 |
| 04980932ZXT | 2 WAY FH    |               | OHBFA002BASE2 | OHBFO002ZX2BBAR |         |              |               |               |           |

**NOTES:**

1. PURCHASE THE CORRECT Caps and cable seal BASED ON THE CABLE SIZE WHICH YOU ARE USING FOR INPUTS AND OUTPUTS, See Table A and B.
2. PURCHASE THE CORRECT CURRENT RATING MIDI FUSE BASED ON ELECTRICAL LOAD REQUIREMENT.

| NO   | COMPONENT NO   | DESCRIPTION                                    | QTY/M  | U/M                          |           |
|--|--|--|--------|------------------------------|-----------|
| BILL OF MATERIAL   |  |  |        |                              |           |
| UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS. DIMENSIONS IN BRACKETS [ ] ARE INCHES |  |  |        |                              |           |
| UNLESS OTHERWISE SPECIFIED, DIMENSIONS DO NOT INCLUDE PLATING.                                   |  |  |        |                              |           |
| ⊙  | DENOTES CRITICAL CHARACTERISTICS.  |  |        |                              |           |
| C.P.K  | DENOTES CPK DIMENSIONS, -MINIMUM CPK VALUE   |  |        |                              |           |
| <S>  | DENOTES A CHARACTERISTIC THAT PROVIDES AN INDICATION OF PROCESS PERFORMANCE. PROCEDURE FOR MEASUREMENT AND TRACKING TO BE DEFINED IN LITELFUSE INSPECTION INSTRUCTIONS |  |        |                              |           |
| C.P  | DENOTES CP DIMENSIONS, -MINIMUM CP VALUE MUST BE WITHIN THE DIMENSIONAL LIMITATIONS SHOWN ON DRAWING AND INITIALLY LOCATED TO ALLOW FOR MAXIMUM TOOL LIFE              |  |        |                              |           |
| COPIES TO MATL SPEC COMPOSITE  |  |  |        |                              |           |
| 1  | 9  | 18   |        |                              |           |
| 2  | 10   | 19   | FINISH |                              |           |
| 3  | 12   | 20   |        |                              |           |
| 4  | 13   | 21   | DRW    | DATE 3/19/15 SCALE 1:1       |           |
| 5  | 14   | 23   | CHK    | DATE SUPER DR                |           |
| 6  | 15   | 33   | APPD   | DATE FINSH GOOD WT           |           |
| 7  | 16   | 43   | APPD   | DATE FINSH GOOD WT           |           |
| 8  | 17   | 53   | APPD   | DATE FINSH GOOD WT           |           |
| TOLERANCES UNLESS OTHERWISE SPECIFIED (REF. ISO 2768-mK)   |  |  |        |                              |           |
| DIMENSION  | 0.5 - 3  | 3 - 6  | 6 - 30 | 30 - 120                     | 120 - 400 |
| TOLERANCE  | +0.1   | +0.1   | +0.2   | +0.3                         | +0.5      |
| 3RD ANGLE PROJECTION   | TITLE  |  |        |                              |           |
| NEW 2_3 WAY MIDI FUSE BOX  |  |  |        |                              |           |
| METRIC ASSEMBLY  |  | Litelfuse                                      |        | REVISION                     |           |
|  |  | SUZHOU CHINA (085) 8761-2189                   |        | DRWG.NO.(PART.NO.)           |           |
|  |  | Expertes Applied   Answers Delivered 5761-2189 |        | OL-04980933ZXT / 04980932ZXT |           |

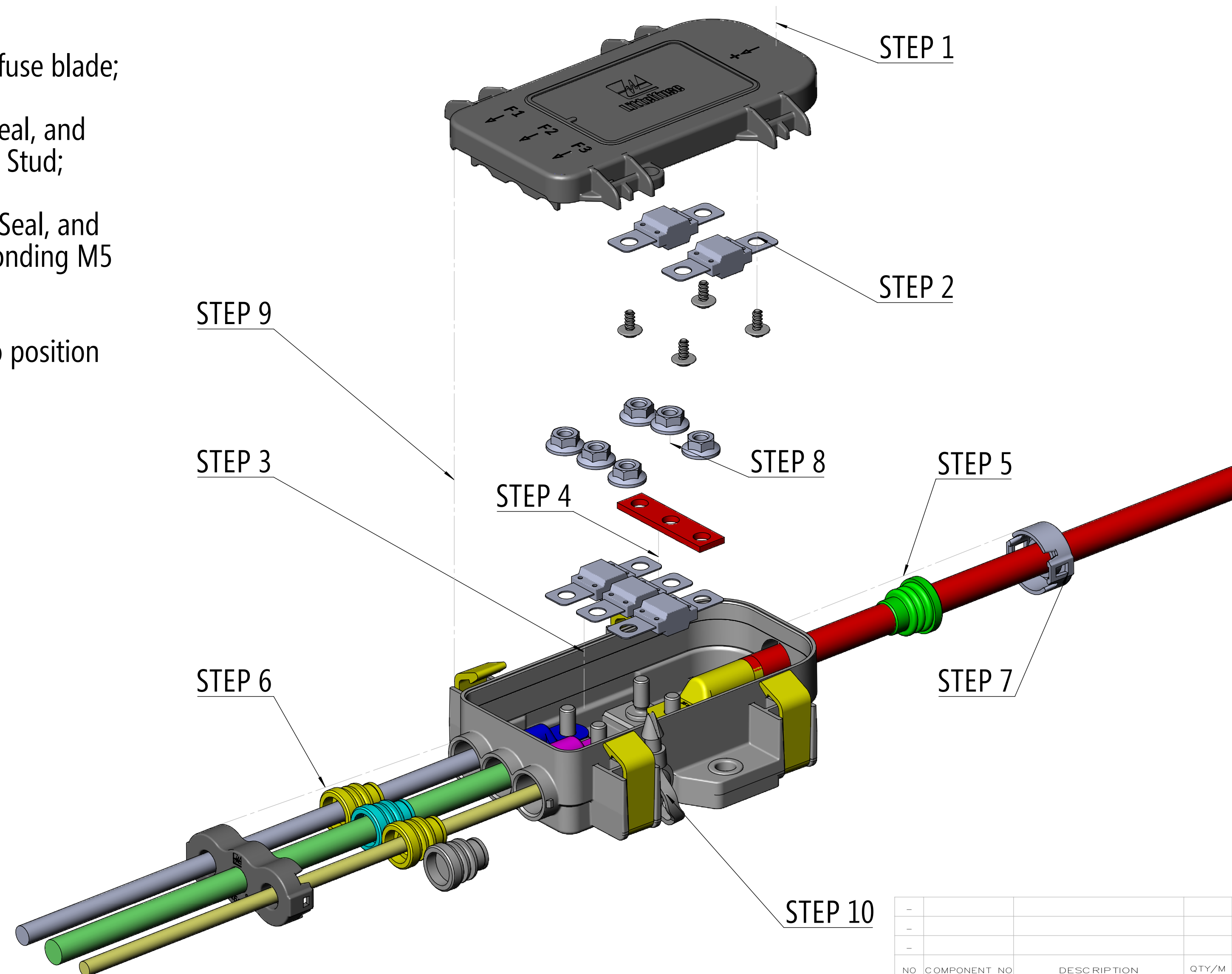


CAD GENERATED DRAWING - NO PENCIL CHANGES ALLOWED (rev A)

| LTR | DATE    | REVISION                                 | CHK | APD |
|-----|---------|--|-----|-----|
| A   | 3/19/15 | ERN# 511514<br>CAD INITIAL ALPHA RELEASE | SYU |     |
|     |         |  |     |     |
|     |         |  |     |     |

**ASSEMBLY STEPS (For Customer assembly use only):**

- STEP 1: Open the yellow Latches by hand or the use of a flat head screw driver, and remove Cover;
- STEP 2: Optional: Add spare MIDI fuses to the cover with provided self-tapping screws (Torque: 2-3 N-m);
- STEP 3: Install MIDI fuses onto the correct circuit M5 Studs, ensuring the fuse blade is seated to the bottom;
- STEP 4: Install the Bus Bar onto M5 Studs, ensure the Bus Bar is fully seated and in contact with the top face of MIDI fuse blade;
- STEP 5: Choose the correct Cable Seal and Cap based on cable size. Install input cable through front Cap and Cable Seal, and then connect ring terminal. Slide the input cable assembly through Housing, placing the ring terminal onto the M5 Stud;
- STEP 6: Choose the correct Cable Seal and Cap based on cable size. Install output cable through back Cap and Cable Seal, and then connect ring terminal. Slide the output cable assembly through Housing, placing the ring terminal onto corresponding M5 Stud. Repeat for each output cable;
- STEP 7: Press the input and output Cable Seals into the Housing. Secure by snapping the front Cap and back Cap into position with the Housing;
- STEP 8: Install M5 self-locking flange nuts onto each M5 Stud and ring terminal (Torque: 5 N-m);
- STEP 9: Assemble the Cover (Seal seated by Latches) with Housing;
- STEP 10: Close the yellow Latches by hand, snapping them over the Cover.



| NO   | COMPONENT NO  | DESCRIPTION                           | QTY/M         | U/M                        |
|--|---|---------------------------------------|---------------|----------------------------|
| BILL OF MATERIAL   |   |                                       |               |                            |
| UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS. DIMENSIONS IN BRACKETS [ ] ARE INCHES |   |                                       |               |                            |
| UNLESS OTHERWISE SPECIFIED, DIMENSIONS DO NOT INCLUDE PLATING.                                   |   |                                       |               |                            |
| ⊙  | DENOTES CRITICAL CHARACTERISTICS.   |                                       |               |                            |
| C.PK   | DENOTES CPK DIMENSIONS, -MINIMUM CPK VALUE  |                                       |               |                            |
| <S>  | 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 SHOWN ON DRAWING AND INITIALLY LOCATED TO ALLOW FOR MAXIMUM TOOL LIFE  |                                       |               |                            |
| MATERIAL SPEC  |   |                                       |               |                            |
| COPIES TO  | COMPOSITE   |                                       |               |                            |
| 1  | 9   | 18                                    |               |                            |
| 2  | 10  | 19                                    | FINISH        |                            |
| 3  | 12  | 20                                    |               |                            |
| 4  | 13  | 21                                    | DRW           | SYU                        |
| 5  | 14  | 23                                    | DATE          | 3/19/15                    |
| 6  | 15  | 33                                    | CHK           | DATE                       |
| 7  | 16  | 43                                    | APPD          | DATE                       |
| 8  | 17  | 53                                    | FINSH GOOD WT |                            |
| GRAMS/PIEC   |   |                                       |               |                            |
| TOLERANCES UNLESS OTHERWISE SPECIFIED (REF. ISO 2768-mK)   |   |                                       |               |                            |
| DIMENSION  | 0.5 - 3   | 3 - 6                                 | 6 - 30        | 30 - 120                   |
| TOLERANCE  | +0.1  | +0.1                                  | +0.2          | +0.3                       |
| 3RD ANGLE  |   |                                       |               |                            |
| PROJECTION   |   |                                       |               |                            |
| TITLE  |   |                                       |               |                            |
| NEW 2_3 WAY MIDI FUSE BOX  |   |                                       |               |                            |
| METRIC ASSEMBLY  |   | Littelfuse                            |               | REVISION                   |
|  |   | SUZHOU CHINA (0012)                   |               | DRWG.NO.(PART.NO.)         |
|  |   | Expertise Applied   Answers Delivered |               | OL-04980932XT / 04980932XT |