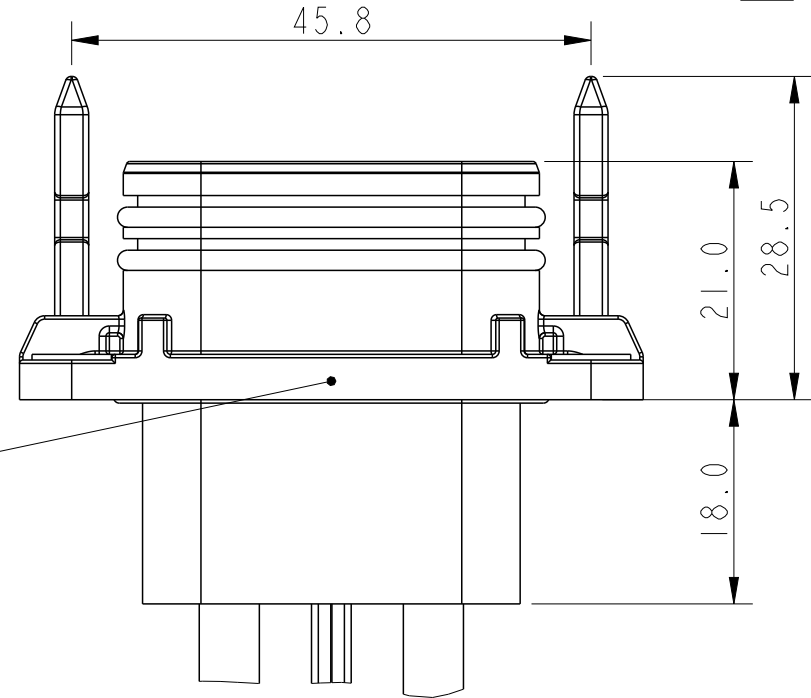
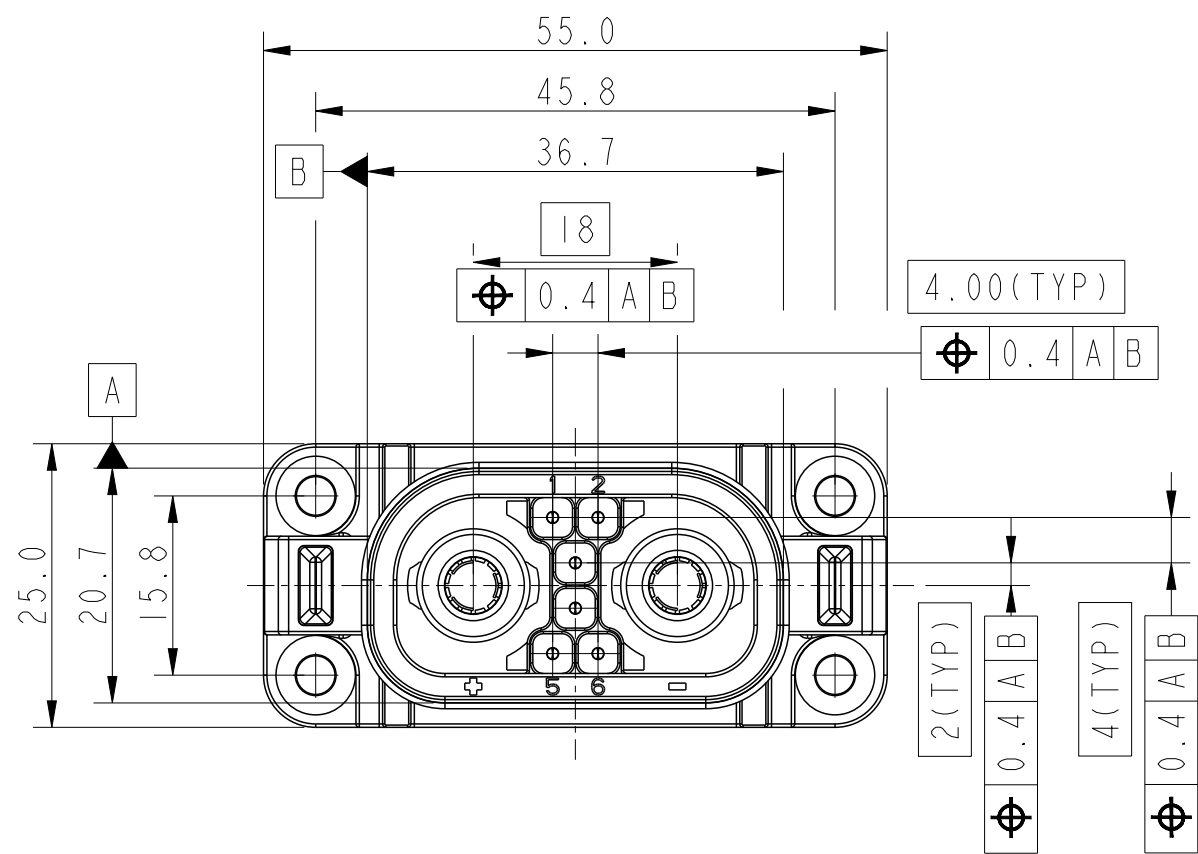
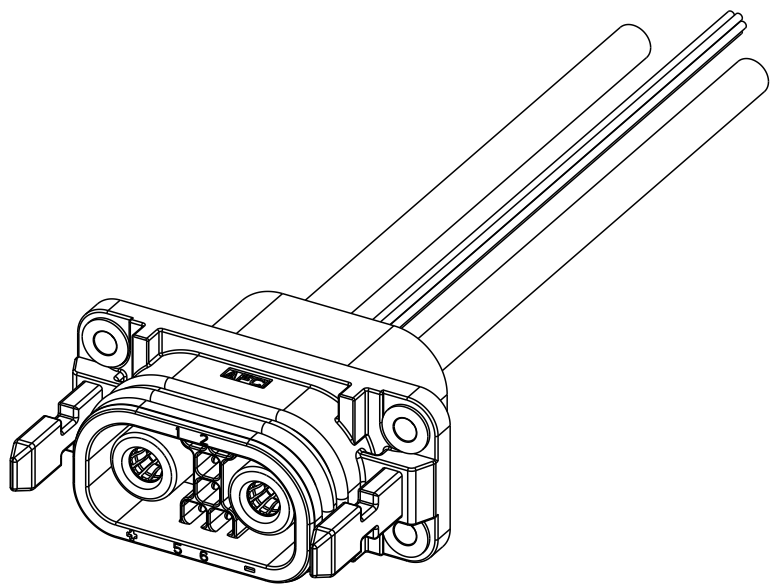


CABLE OUT VARIANT



LOCATION FOR  
TRACEABILITY  
PRINTING



SCALE 1:1

- NOTES:
- 1. MATERIAL AND FINISH  
HOUSING: POLYAMIDE THERMOPLASTIC, UL 94 V-0  
POWER TERMINAL: CU ALLOY, PLATING: AG  
O-RING: SILICON RUBBER, ORANGE  
GASKET: SILICON RUBBER, BLACK
  - 2. CABLES  
POWER: FLRY-B, SEE PN LOGIC  
SIGNAL: FLRY-B, 0.35 SQMM
  - 3. PRODUCT SPECIFICATION: GS-12-1897

- TECHNICAL FEATURES:
- 1. RATED CURRENT: SEE PN LOGIC
  - 2. DIELECTRIC WITHSTANDING VOLTAGE: 500 VDC
  - 3. INSULATION RESISTANCE: >1 GΩ
  - 4. FLAMMABILITY RATING: UL 94
  - 5. DURABILITY: 10,000 MATING CYCLES
  - 6. IP RATING: IP67, MATED & UNMATED\*
  - 7. OPERATING TEMPERATURE: -20 TO 90 °C
- \*CONNECTOR PREVENTS WATER INGRESS INTO ENCLOSURE/PANEL IN THE UNMATED CONDITION

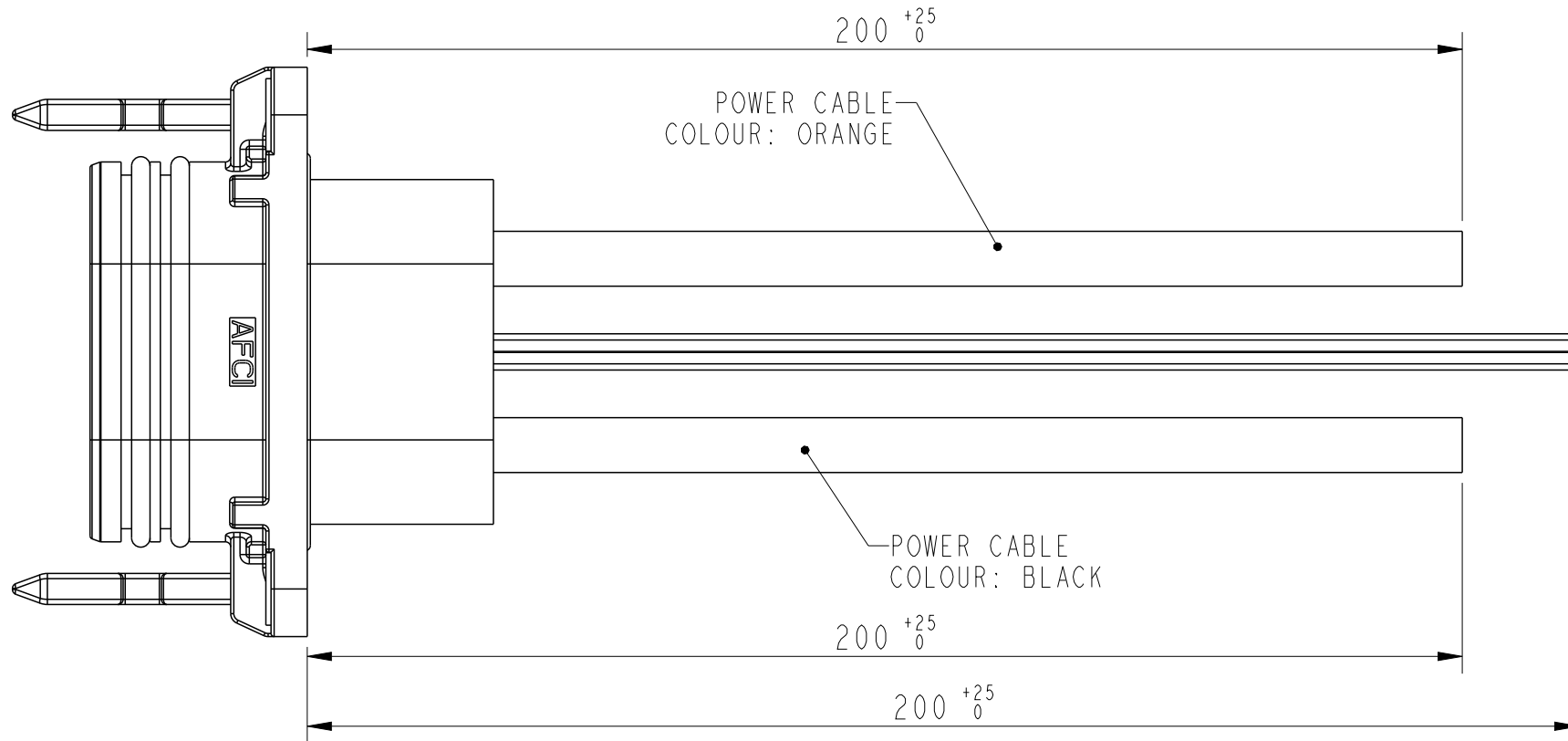
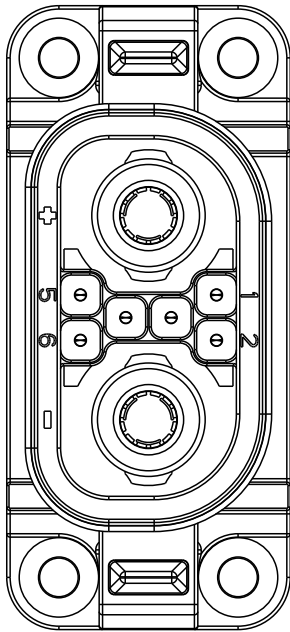
- INSTRUCTION:
- 1. PREVENT ACCULMULATION OF FORIEGN PARTICLES IN THE MATING COMPARTMENT

AU 10171110-B26BA LF

AUTOMOTIVE  
BASE NUMBER  
LEAD FREE  
WIRE LENGTH  
POWER CABLE SIZE  
B - 10 SQMM  
C - 16 SQMM  
NO OF SIGNAL TERMINALS  
NO OF POWER TERMINALS  
RATED CURRENT  
A - 70 A  
B - 50 A

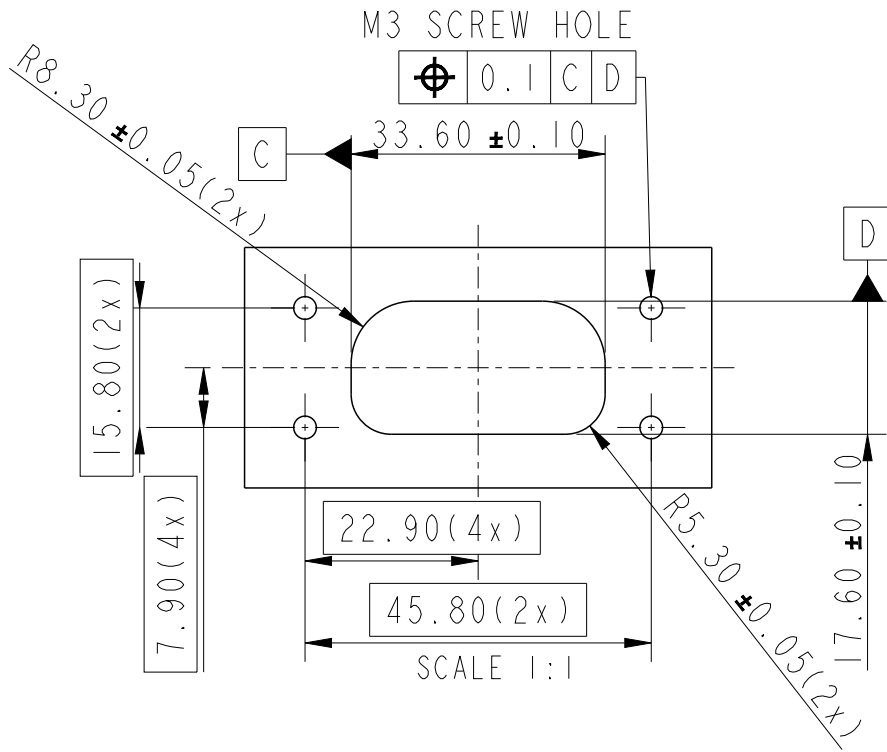
|               |         |               |            |                |                        |                        |              |       |     |
|---------------|---------|---------------|------------|----------------|------------------------|------------------------|--------------|-------|-----|
| spec ref      | dr      | A Srikar      | 2023/10/30 | projection     | mm                     | size                   | A3           | scale | 3:2 |
| tolerance std | eng     | A Srikar      | 2023/11/02 | chr            | -                      | ecn no                 |              |       |     |
|               | appr    | P-Mathew Nebu | 2023/11/02 | product family | -                      | rel level              | Released     |       |     |
| surface       | linear  | 0.X           | ±0.5       | Amphenol FCI   | BATTERY SOC CABLE ASSY | dwg no                 | 10171110     | rev   | A   |
|               |         | 0.XX          | ±0.25      |                | DURASWAP™              |                        |              |       |     |
|               |         | 0.XXX         | ±          |                |                        |                        |              |       |     |
|               | angular | 0°            | ±°         |                |                        |                        |              |       |     |
|               |         |               |            | cat. no.       | -                      | Product - Customer Drw | sheet 1 of 3 |       |     |

| AFCI | CNR | PIN | CABLE COLOUR |
|------|-----|-----|--------------|
|      | 1   |     | ORANGE       |
|      | 2   |     | BROWN        |
|      | 3   |     | BLUE         |
|      | 4   |     | GREEN        |
|      | 5   |     | RED (BLACK)  |
|      | 6   |     | WHITE        |

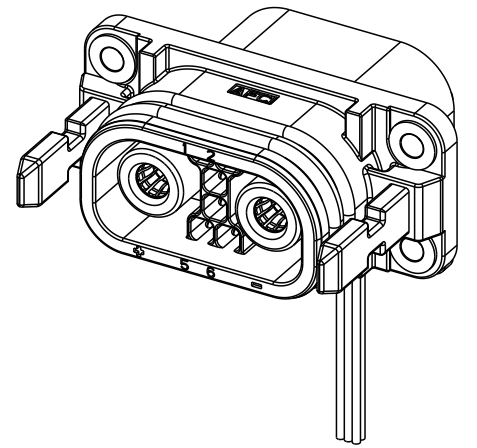
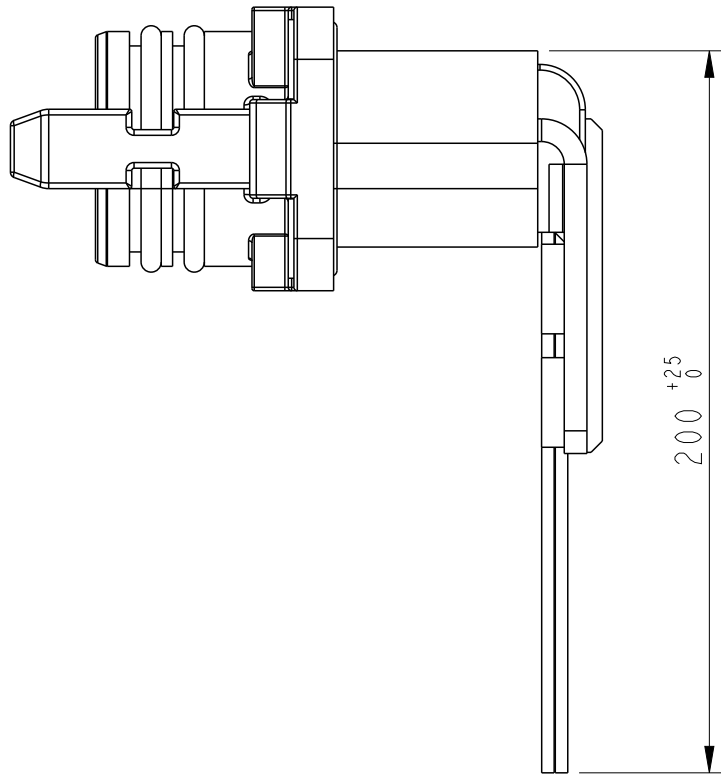
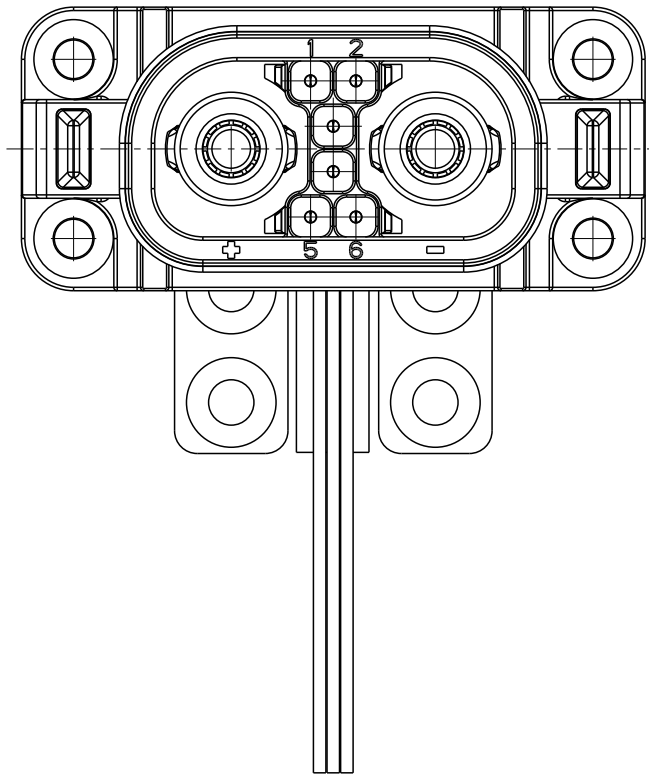


|               |  |                                       |       |    |       |          |                 |               |       |                                                                                       |                                                                                       |  |                |                        |    |        |       |          |           |              |  |  |  |     |          |   |  |
|---------------|--|---------------------------------------|-------|----|-------|----------|-----------------|---------------|-------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--|----------------|------------------------|----|--------|-------|----------|-----------|--------------|--|--|--|-----|----------|---|--|
| spec ref      |  |                                       |       | dr |       | A Srikar |                 | 2023/10/30    |       |  |  |  | size           |                        | A3 |        | scale |          | 3:2       |              |  |  |  |     |          |   |  |
| tolerance std |  | TOLERANCES UNLESS OTHERWISE SPECIFIED |       |    |       | eng      |                 | A Srikar      |       |                                                                                       | 2023/11/02                                                                            |  | ecn no         |                        |    |        |       |          |           |              |  |  |  |     |          |   |  |
|               |  |                                       |       |    |       | chr      |                 | -             |       |                                                                                       | -                                                                                     |  |                |                        |    |        |       |          |           |              |  |  |  |     |          |   |  |
|               |  |                                       |       |    |       | appr     |                 | P-Mathew Nebu |       |                                                                                       | 2023/11/02                                                                            |  | product family |                        |    |        |       |          | rel level |              |  |  |  |     | Released |   |  |
| surface       |  | linear                                | 0.X   |    | ±0.5  |          | Amphenol<br>FCi |               | title | BATTERY SOC CABLE ASSY                                                                |                                                                                       |  |                |                        |    | dwg no |       | 10171110 |           |              |  |  |  | rev |          | A |  |
|               |  |                                       | 0.XX  |    | ±0.25 |          |                 |               |       |                                                                                       |                                                                                       |  |                |                        |    |        |       |          |           |              |  |  |  |     |          |   |  |
|               |  |                                       | 0.XXX |    | ±     |          |                 |               |       |                                                                                       |                                                                                       |  |                |                        |    |        |       |          |           |              |  |  |  |     |          |   |  |
|               |  | angular                               |       | 0° |       | ±°       |                 |               |       | cat. no.                                                                              |                                                                                       |  |                | Product - Customer Drw |    |        |       |          |           | sheet 2 of 3 |  |  |  |     |          |   |  |

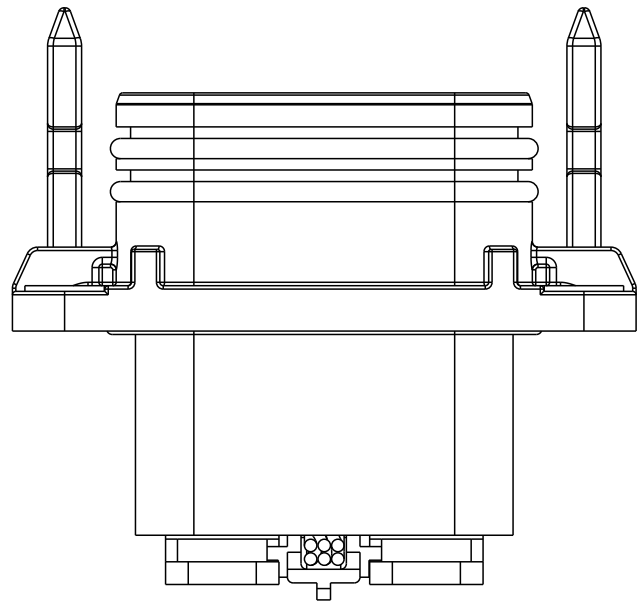
MOUNTING HOLE AND PANEL CUTOUT DIMENSIONS



BUSBAR OUT VARIANT



SCALE 1:1



- NOTES:
1. MATERIAL AND FINISH  
HOUSING: POLYAMIDE THERMOPLASTIC, UL 94 V-0  
POWER TERMINAL: CU ALLOY, PLATING: AG  
O-RING: SILICON RUBBER, ORANGE  
GASKET: SILICON RUBBER, BLACK
  2. CABLES  
POWER: BUSBAR WITH M4 CLINCHNUT  
SIGNAL: FLRY-B, 0.35 SQMM
  3. INTERFACE DIMENSIONS SAME AS SHOWN IN SHEET 1

- TECHNICAL FEATURES:
1. RATED CURRENT: SEE PN LOGIC
  2. DIELECTRIC WITHSTANDING VOLTAGE: 500 VDC
  3. INSULATION RESISTANCE: >1 GΩ
  4. FLAMMABILITY RATING: UL 94
  5. DURABILITY: 10,000 MATING CYCLES
  6. IP RATING: IP67, MATED & UNMATED\*
  7. OPERATING TEMPERATURE: -20 TO 90 °C
- \*CONNECTOR PREVENTS WATER INGRESS INTO ENCLOSURE/PANEL IN THE UNMATED CONDITION

AU 10171110-A26ZZ LF

AUTOMOTIVE

BASE NUMBER

LEAD FREE

SIGNAL WIRE LENGTH

POWER CABLE SIZE  
Z - BUSBAR

NO OF SIGNAL TERMINALS

NO OF POWER TERMINALS

RATED CURRENT  
A - 70 A  
B - 50 A

|               |  |                                       |  |       |  |          |  |               |  |            |  |                        |  |                        |  |        |  |        |  |              |  |  |  |           |  |     |  |   |  |
|---------------|--|---------------------------------------|--|-------|--|----------|--|---------------|--|------------|--|------------------------|--|------------------------|--|--------|--|--------|--|--------------|--|--|--|-----------|--|-----|--|---|--|
| spec ref      |  |                                       |  | dr    |  | A Srikar |  | 2023/10/30    |  | projection |  | mm                     |  | size                   |  | A3     |  | scale  |  | 3:2          |  |  |  |           |  |     |  |   |  |
| tolerance std |  | TOLERANCES UNLESS OTHERWISE SPECIFIED |  |       |  | eng      |  | A Srikar      |  | 2023/11/02 |  |                        |  |                        |  | ecn no |  |        |  |              |  |  |  |           |  |     |  |   |  |
|               |  |                                       |  |       |  | chr      |  | -             |  | -          |  |                        |  |                        |  |        |  |        |  |              |  |  |  |           |  |     |  |   |  |
|               |  |                                       |  |       |  | appr     |  | P-Mathew Nebu |  | 2023/11/02 |  | product family         |  |                        |  |        |  | -      |  |              |  |  |  | rel level |  |     |  |   |  |
| surface       |  | linear                                |  | 0.X   |  | ±0.5     |  | Amphenol FCI  |  | title      |  | BATTERY SOC CABLE ASSY |  |                        |  |        |  | dwg no |  | 10171110     |  |  |  |           |  | rev |  | A |  |
|               |  |                                       |  | 0.XX  |  | ±0.25    |  |               |  |            |  |                        |  |                        |  |        |  |        |  |              |  |  |  |           |  |     |  |   |  |
|               |  |                                       |  | 0.XXX |  | ±        |  |               |  |            |  |                        |  |                        |  |        |  |        |  |              |  |  |  |           |  |     |  |   |  |
|               |  | angular                               |  | 0°    |  | ±°       |  |               |  | cat. no.   |  | -                      |  | Product - Customer Drw |  |        |  |        |  | sheet 3 of 3 |  |  |  |           |  |     |  |   |  |