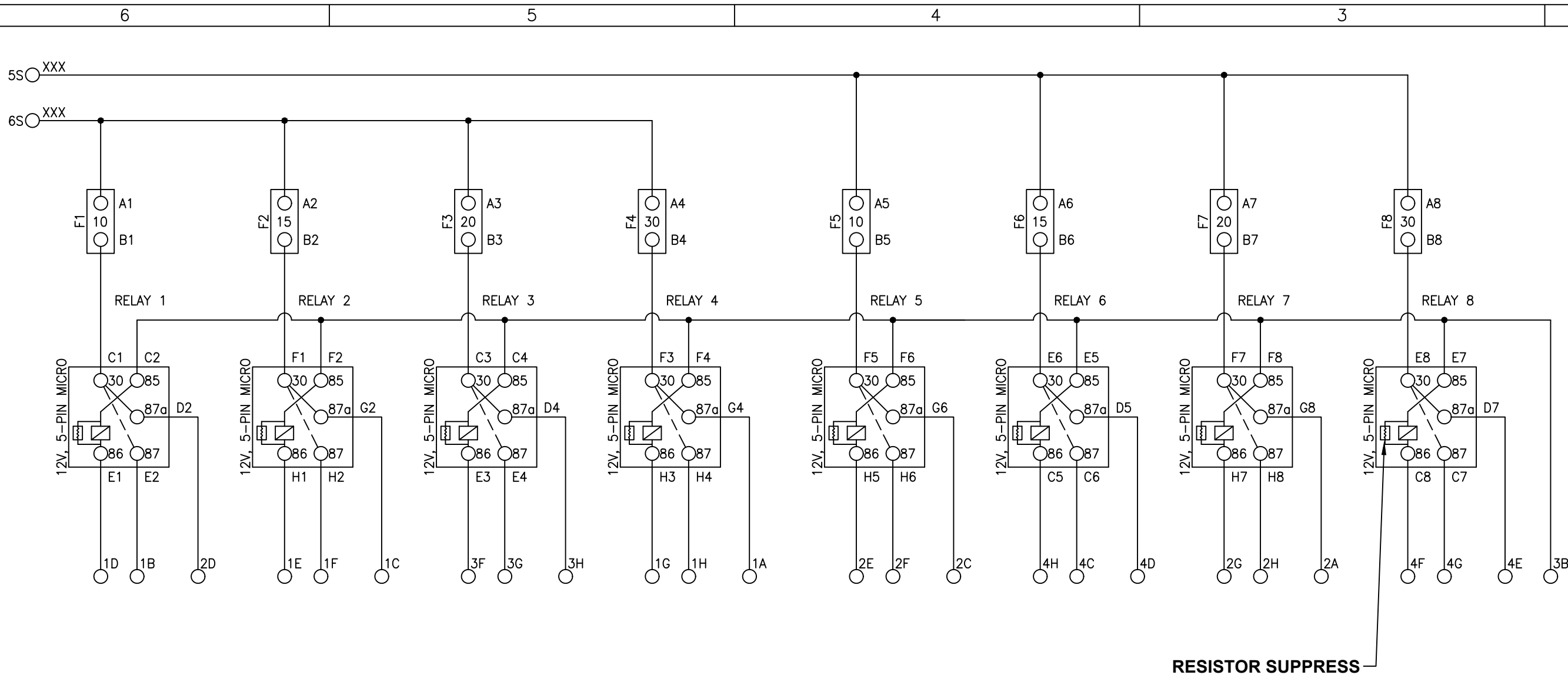
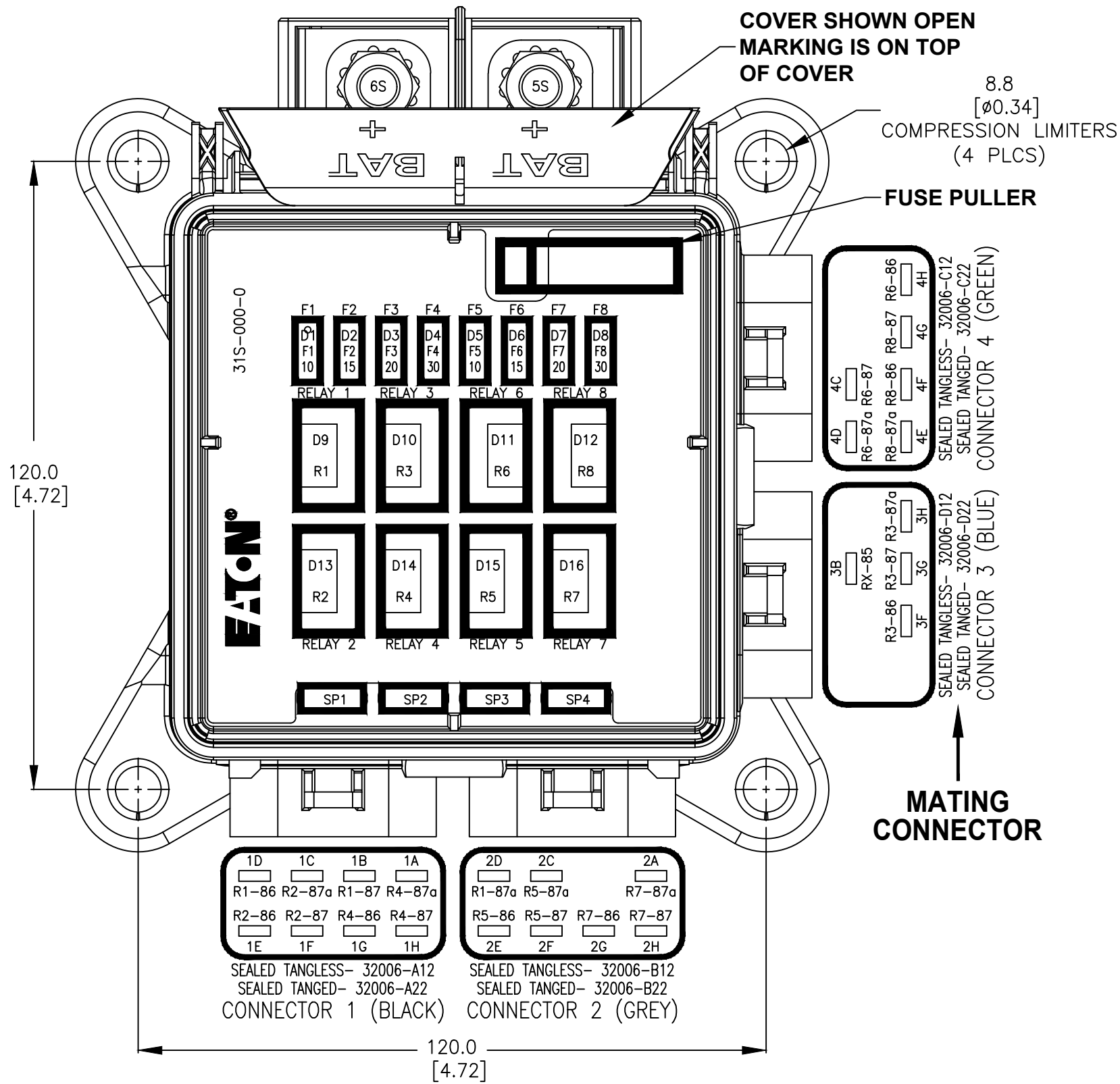
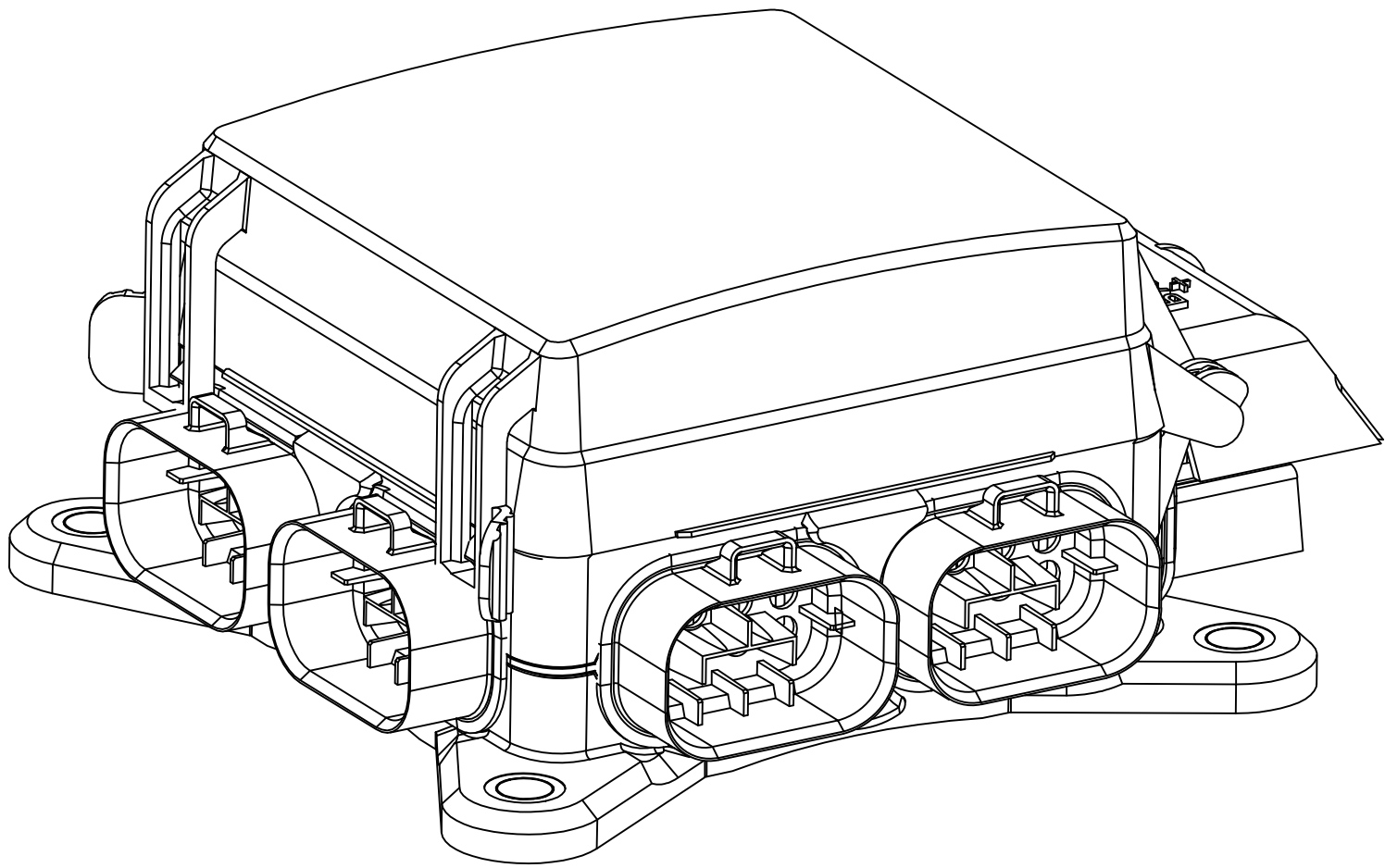




|                                                |                                                                                 |               |       |
|------------------------------------------------|---------------------------------------------------------------------------------|---------------|-------|
| PART NO. 31S-000-0 SALES                       |                                                                                 |               |       |
| METRIC(mm)                                     |                                                                                 |               |       |
| THIS IS A CAD DRAWING – DO NOT MANUALLY REVISE |                                                                                 |               |       |
| REV #                                          | REVISIONS                                                                       | DATE          | APPR. |
| 0                                              | INITIAL RELEASED.<br>ECO-101857, A.L                                            | 04-26<br>2016 |       |
| 1                                              | ADDED COVER (B151-7172) TO BOM. ECO-114699                                      | 01-11-17      | A.L   |
| 2                                              | UPDATED DEVICE TABLES, ADDED NOTES 5 & 6 AND MOUNTING<br>DIMENSIONS. ECO-145899 | 09-17<br>2018 | A.L   |



| DEVICE PLACEMENT |           |                 |
|------------------|-----------|-----------------|
| POSITION         | REFERENCE | DEVICE          |
| D1               | F1        | MINI FUSE – 10A |
| D2               | F2        | MINI FUSE – 15A |
| D3               | F3        | MINI FUSE – 20A |
| D4               | F4        | MINI FUSE – 30A |
| D5               | F5        | MINI FUSE – 10A |
| D6               | F6        | MINI FUSE – 15A |
| D7               | F7        | MINI FUSE – 20A |
| D8               | F8        | MINI FUSE – 30A |
| D9               | R1        | 12V 5-PIN MICRO |
| D10              | R3        | 12V 5-PIN MICRO |
| D11              | R6        | 12V 5-PIN MICRO |
| D12              | R8        | 12V 5-PIN MICRO |
| D13              | R2        | 12V 5-PIN MICRO |
| D14              | R4        | 12V 5-PIN MICRO |
| D15              | R5        | 12V 5-PIN MICRO |
| D16              | R7        | 12V 5-PIN MICRO |



| SPARE DEVICE |           |        |
|--------------|-----------|--------|
| POSITION     | DEVICE    | RATING |
| SP1          | MINI FUSE | 10A    |
| SP2          | MINI FUSE | 15A    |
| SP3          | MINI FUSE | 20A    |
| SP4          | MINI FUSE | 30A    |

| SERVICEABLE PART |               |                    |
|------------------|---------------|--------------------|
| DEVICE           | PART #        | RATING             |
| 12V, 5-PIN MICRO | B120-7016-SRV | 12V, 35A NO/20A NC |
| MINI FUSE        | BK-ATM-10     | 10A                |
| MINI FUSE        | BK-ATM-15     | 15A                |
| MINI FUSE        | BK-ATM-20     | 20A                |
| MINI FUSE        | BK-ATM-30     | 30A                |
| FUSE PULLER      | 32013BS       | –                  |
| COVER            | B151-7172-SRV | –                  |

- SPECIFICATIONS:
- RATING (MAXIMUM RATING):
    - 200A CAPACITY
    - 100A PER INPUT STUD (M8)
    - 30A PER OUTPUT TERMINAL
    - 100A PER OUTPUT CONNECTOR
  - MAXIMUM TORQUE:
    - M8 INPUT STUD: 216 IN-LBS (18 FT-LBS)
    - MOUNTING: 300 IN-LBS (25 FT-LBS)
  - OPERATING TEMPERATURE: -40°F (-40°C) TO 221°F (105°C)
  - INGRESS PROTECTION: APPLICATION DEPENDENT UP TO IP66 REQUIREMENTS
  - OUTPUT TERMINAL: DELPHI METRI-PACK 280 SERIES (SEALED TANG OR TANGLESS)
  - DELPHI METRI-PACK 280 SERIES CAVITY PLUGS ARE INSTALLED WHERE WIRES ARE NOT USED.

|                                                                                                                                                                                                                                                                                                                                                                                                             |                 |                           |                        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|---------------------------|------------------------|
| MATERIAL                                                                                                                                                                                                                                                                                                                                                                                                    |                 | FINISH                    |                        |
| TOLERANCES<br>UNLESS OTHERWISE SPECIFIED                                                                                                                                                                                                                                                                                                                                                                    |                 | THIRD ANGLE PROJECTION    |                        |
| METRIC TOL                                                                                                                                                                                                                                                                                                                                                                                                  | ENGLISH TOL     |                           |                        |
| 1 PL DEC.=±.25                                                                                                                                                                                                                                                                                                                                                                                              | 2 PL DEC.=±.01  | ANGULAR TOL= ± 2°         |                        |
| 2 PL DEC.=±.13                                                                                                                                                                                                                                                                                                                                                                                              | 3 PL DEC.=±.005 | FRACTION TOL= ± 1/64 IN   |                        |
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|                                                                                                                                                                                                                                                                                                                                                                                                             |                 | DATE<br>04-26-16          | SCALE<br>NA            |
| SHEET 1 OF 1                                                                                                                                                                                                                                                                                                                                                                                                |                 | PART NO. 31S-000-0 SALES  |                        |