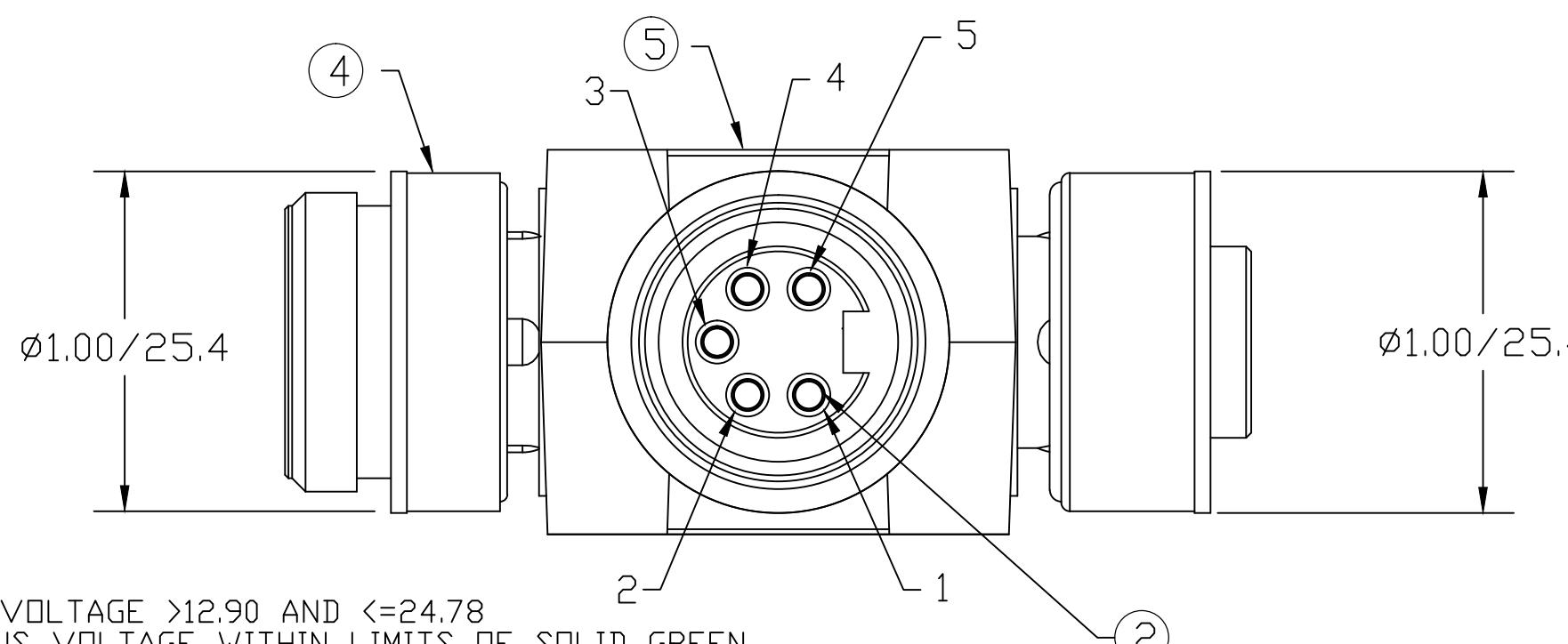
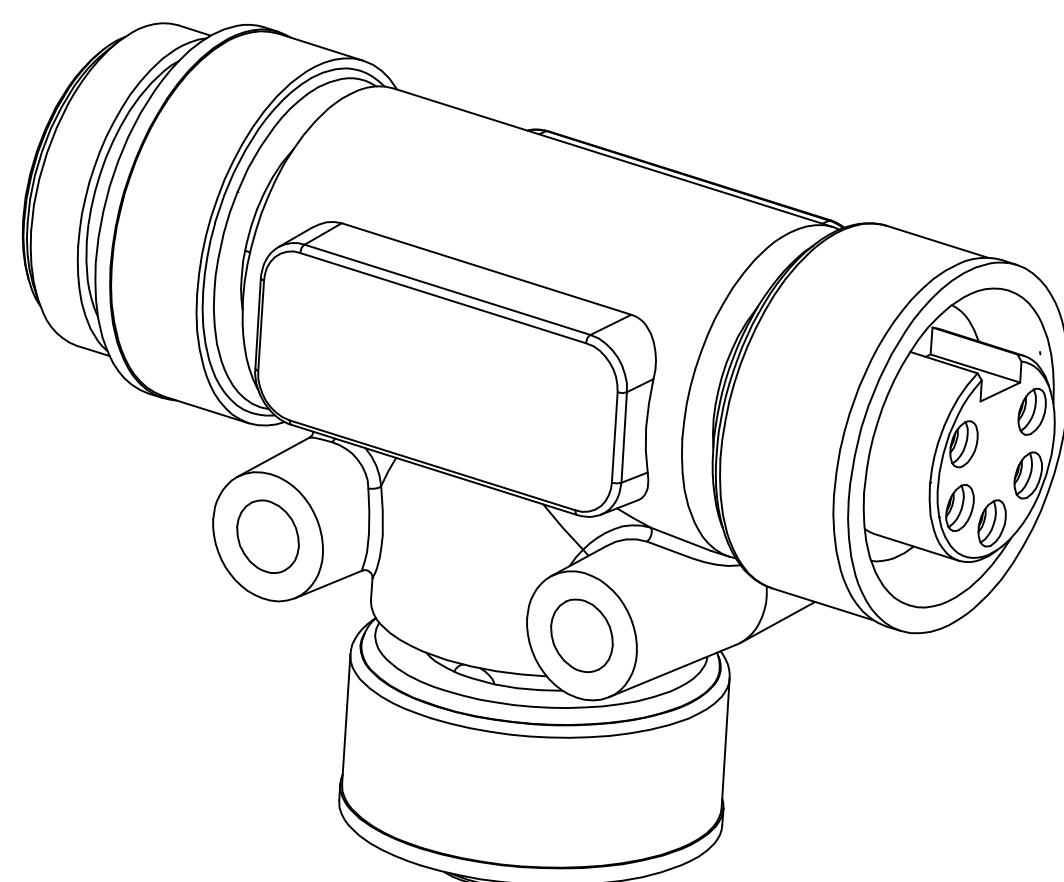
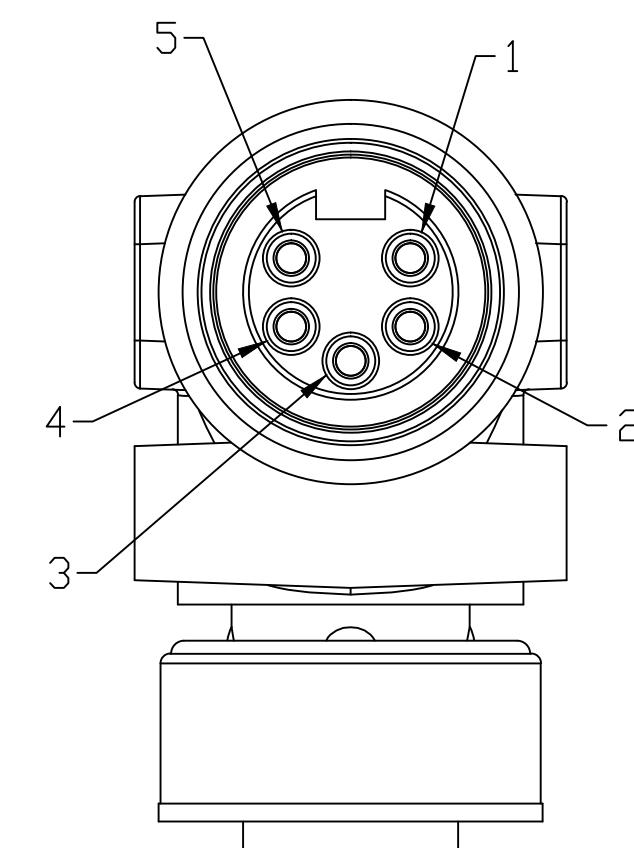
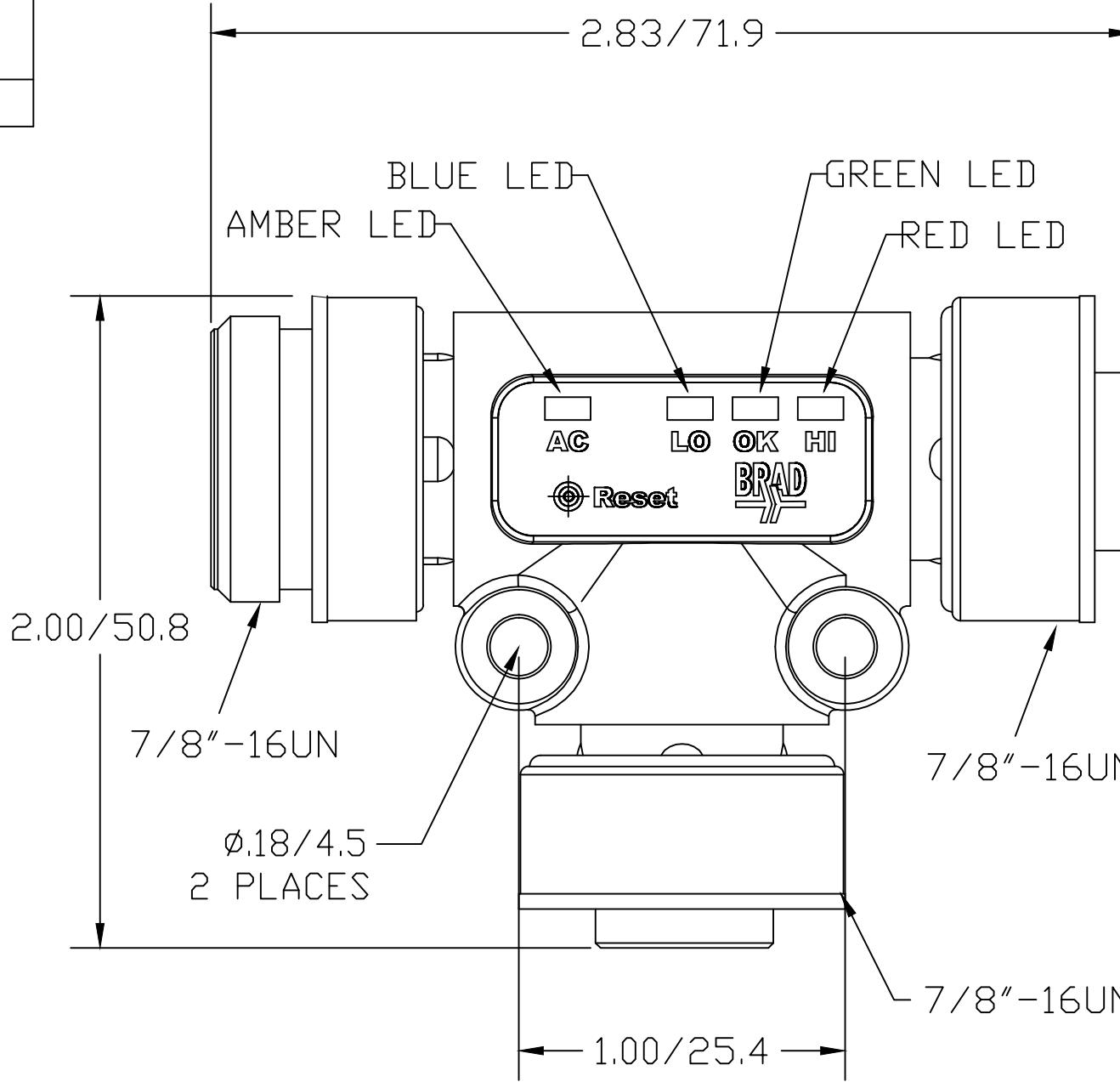
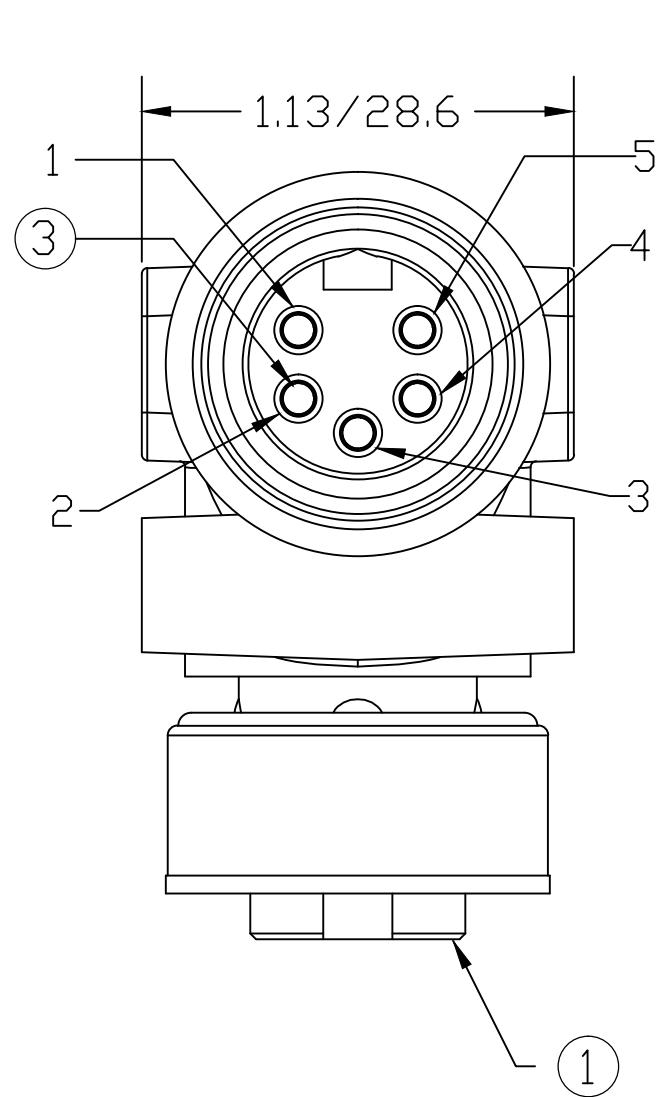
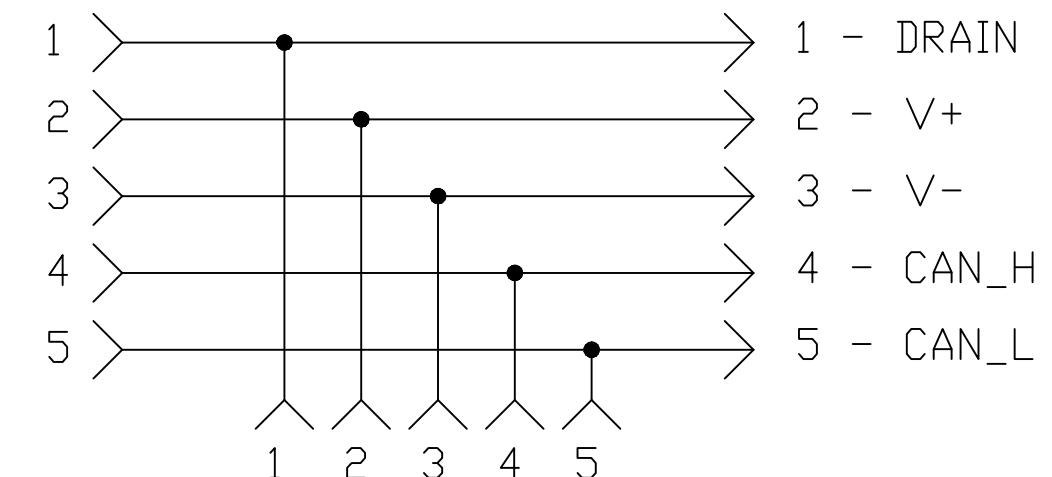


| MATERIAL NUMBER | OLD PART NUMBER |
|-----------------|-----------------|
| 130035-0060     | DN3020PM-1      |



**LED FUNCTIONALITY:**  
 SOLID GREEN LED = BUS VOLTAGE >12.90 AND <=24.78  
 FLASHING GREEN LED = BUS VOLTAGE WITHIN LIMITS OF SOLID GREEN OPERATION, BUT POWER HAS BEEN CYCLED WITHIN PREVIOUS 24 HRS  
 FLICKERING RED LED = BUS VOLTAGE >24.78 (GREATER THAN 25.3 TO GUARANTEE DETECTION)  
 FLASHING RED LED = BUS VOLTAGE >24.78 (25.3) WITHIN PREVIOUS 24 HRS  
 FLICKERING BLUE LED = BUS VOLTAGE <12.90 (12.4)  
 FLASHING BLUE LED = BUS VOLTAGE <12.90 (12.4) WITHIN PREVIOUS 24 HRS  
 FLICKERING AMBER LED = BUS VOLTAGE HAS A REPEATED TRANSIENT VOLTAGE (BETWEEN 10Hz AND 250Hz) PRESENT THAT EXCEEDS THE DETECTION THRESHOLD (THRESHOLD LEVEL VARIES BY FREQUENCY)  
 FLASHING AMBER LED = BUS VOLTAGE HAS EXPERIENCED A TRANSIENT OR RIPPLE AS SPECIFIED FOR FLICKERING AMBER CONDITION WITH PREVIOUS 24 HRS

### SCHEMATIC



|                       |                                 |
|-----------------------|---------------------------------|
| VOLTAGE RATING        | 30 VDC                          |
| PROTECTION            | IP67                            |
| OPERATING TEMPERATURE | -20°C TO 80°C                   |
| UL CERTIFICATIONS     | UL RECOGNIZED, FILE NO. E152210 |
| CSA CERTIFICATIONS    | CSA CERTIFIED, FILE NO. LR6837  |

| ITEM | COMPONENT      | MATERIAL      | FINISH           |
|------|----------------|---------------|------------------|
| 1    | INSERT         | TPE           | GRAY             |
| 2    | CONTACT SOCKET | COPPER ALLOY  | GOLD OVER NICKEL |
| 3    | CONTACT PIN    | COPPER ALLOY  | GOLD OVER NICKEL |
| 4    | COUPLING NUT   | ZINC DIE CAST | BLACK E-COATED   |
| 5    | OVERMOLD       | TPE           | GRAY             |

| QUALITY SYMBOL                                                                                                                | GENERAL TOLERANCES (UNLESS SPECIFIED) |               | DRAWN BY   | DATE        | TITLE                               |  |
|-------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|---------------|------------|-------------|-------------------------------------|--|
|                                                                                                                               | mm                                    | INCH          |            |             |                                     |  |
| $\nabla = 0$                                                                                                                  | 4 PLACES                              | $\pm---$      | KJOZWIK    | 2013/08/01  | DNET POWER MONITOR TEE<br>DEVICENET |  |
| $\nabla = 0$                                                                                                                  | 3 PLACES                              | $\pm---$      | 2013/08/01 | CHECKED BY  |                                     |  |
| $\nabla = 0$                                                                                                                  | 2 PLACES                              | $\pm---$      | VOU        | 2013/08/01  |                                     |  |
| $\nabla = 0$                                                                                                                  | 1 PLACE                               | $\pm 0.3$     | ----       | APPROVED BY |                                     |  |
| ANGULAR $\pm 5^\circ$                                                                                                         |                                       | ----          |            |             |                                     |  |
| DRAFT WHERE APPLICABLE                                                                                                        |                                       | MATERIAL NO.  |            |             |                                     |  |
| MUST REMAIN                                                                                                                   |                                       | 1300350060    |            |             |                                     |  |
| WITHIN DIMENSIONS                                                                                                             |                                       | DOCUMENT NO.  |            |             |                                     |  |
| C                                                                                                                             |                                       | SD-130035-005 |            |             |                                     |  |
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