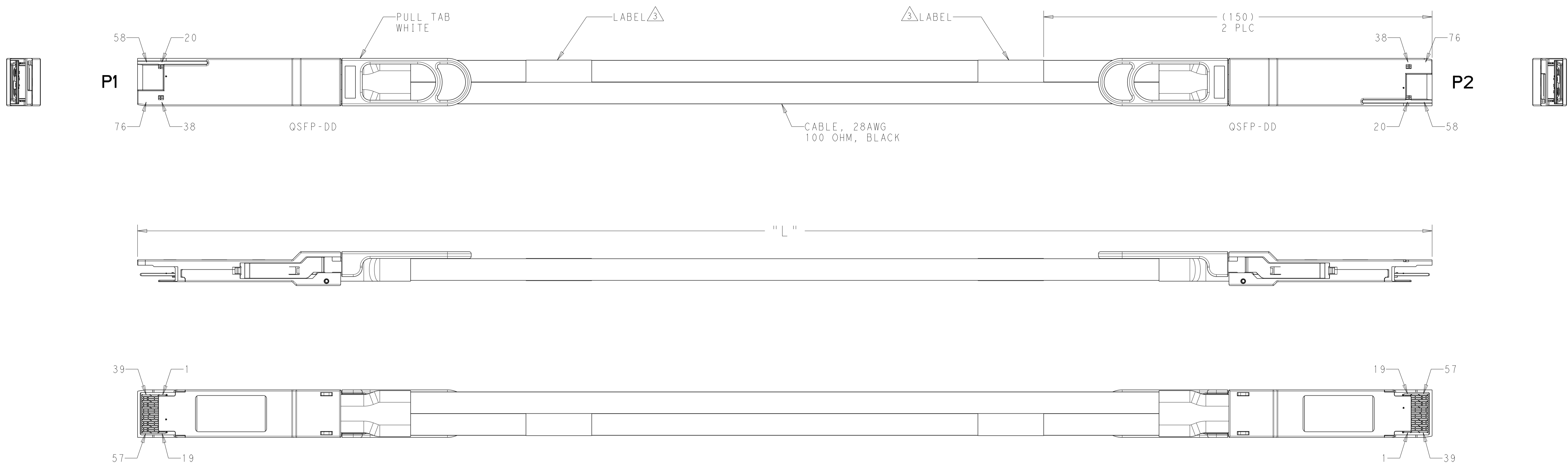
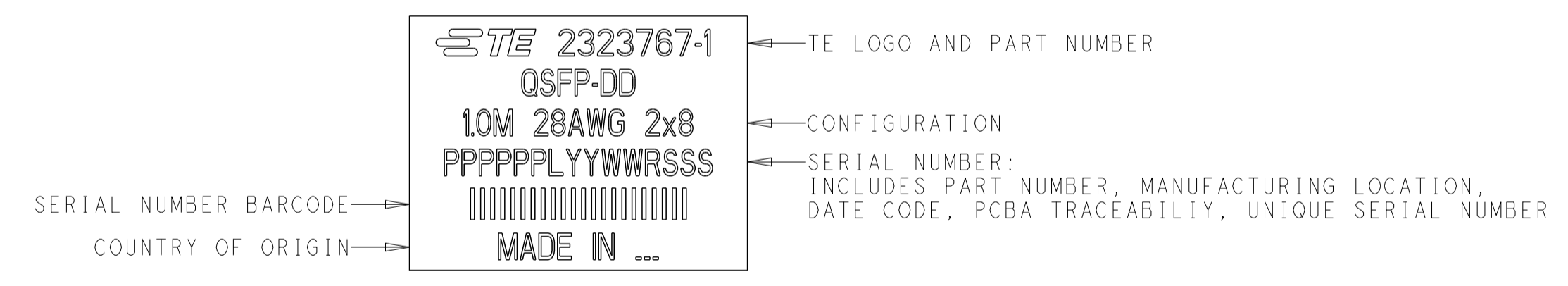


| REVISIONS | | | | |
|-----------|---------------|-------------------|-----------|-------|
| P | LTN | DESCRIPTION | DATE | APVD |
| C | ECO-20-010734 | SM FORMAT UPDATED | 25SEP2020 | SS WY |
| E | ECN-21-132323 | SM FORMAT UPDATED | 24DEC2021 | SS GL |



- SEE SHEET 2 FOR WIRING SCHEMATIC.
- ALL MATERIALS, COMPONENTS AND PROCESSES SHALL COMPLY WITH TEC-138-702. (CONTAINS NO BANNED OR RESTRICTED SUBSTANCES).

△ LABEL INFORMATION: -1 SHOWN.



- THIS LENGTH DOES NOT MEET IEEE802.3cd SPECIFICATION (56G PAM-4) BUT DOES MEET IEEE802.3bj SPECIFICATION (28G NRZ).
- NO REACH SvHC SHALL BE CONTAINED ABOVE THE THRESHOLD AS DEFINED IN REACH SvHC COMPLIANCE DEFINITION IN ANNEX A OF TEC-138-702.
- CABLE ASSEMBLY 100% TESTED FOR OPENS, SHORTS AND PROPER EEPROM PROGRAM.

| | | | |
|---|----------------|---------|-----------|
| △ | 2.8M 28AWG 2X8 | 2800±30 | 2323767-8 |
| △ | 3.5M 28AWG 2X8 | 3500±30 | 2323767-7 |
| | 0.5M 28AWG 2x8 | 500±20 | 2323767-6 |
| △ | 3.0M 28AWG 2x8 | 3000±30 | 2323767-5 |
| | 2.5M 28AWG 2x8 | 2500±30 | 2323767-4 |
| | 2.0M 28AWG 2x8 | 2000±30 | 2323767-3 |
| | 1.5M 28AWG 2x8 | 1500±25 | 2323767-2 |
| | 1.0M 28AWG 2x8 | 1000±20 | 2323767-1 |
| | CONFIGURATION | "L" | PART NO |

THIS DRAWING IS A CONTROLLED DOCUMENT.

| | | | |
|-------------|--|---------------------------|---------------------------|
| DIMENSIONS: | TOLERANCES UNLESS OTHERWISE SPECIFIED: | APVD | NAME |
| mm | 0 PLC ± | T. SMITH 16OCT2017 | CABLE ASSY, 28 AWG |
| | 1 PLC ± | CHK K. STAUFFER 16OCT2017 | QSFP-DD |
| | 2 PLC ± | | |
| | 3 PLC ± | | |
| | 4 PLC ± | | |
| | ANGLES ± | | |
| MATERIAL | FINISH | WEIGHT | SIZE CAGE CODE DRAWING NO |
| | | | A 00779 C=2323767 |
| | | CUSTOMER DRAWING | RESTRICTED TO |
| | | SCALE 5:4 | SHEET 1 OF 2 |
| | | | REV E |

TE Connectivity

| REVISIONS | | | | |
|-----------|-----|-------------|------|------|
| P | LTN | DESCRIPTION | DATE | APVD |
| | | SEE SHEET 1 | | |
| | | | | |
| | | | | |

| P1 | | | P2 | |
|----------|-----------|---|-----------|----------|
| GND | 1 | | 20 | GND |
| TX2- | 2 | ↔ | 21 | RX2- |
| TX2+ | 3 | ↔ | 22 | RX2+ |
| GND | 4 | | 23 | GND |
| TX4- | 5 | ↔ | 24 | RX4- |
| TX4+ | 6 | ↔ | 25 | RX4+ |
| GND | 7 | | 26 | GND |
| ModseIL | 8 | | 27 | ModPrsL |
| ResetL | 9 | | 28 | intL |
| VccRx | 10 | | 29 | VccTx |
| SCL | 11 | | 30 | Vcc1 |
| SDA | 12 | | 31 | InitMode |
| GND | 13 | | 32 | GND |
| RX3+ | 14 | ↔ | 33 | TX3+ |
| RX3- | 15 | ↔ | 34 | TX3- |
| GND | 16 | | 35 | GND |
| RX1+ | 17 | ↔ | 36 | TX1+ |
| RX1- | 18 | ↔ | 37 | TX1- |
| GND | 19 | | 38 | GND |
| GND | 20 | | 1 | GND |
| RX2- | 21 | ↔ | 2 | TX2- |
| RX2+ | 22 | ↔ | 3 | TX2+ |
| GND | 23 | | 4 | GND |
| RX4- | 24 | ↔ | 5 | TX4- |
| RX4+ | 25 | ↔ | 6 | TX4+ |
| GND | 26 | | 7 | GND |
| ModPrsL | 27 | | 8 | ModseIL |
| intL | 28 | | 9 | ResetL |
| VccTx | 29 | | 10 | VccRx |
| Vcc1 | 30 | | 11 | SCL |
| InitMode | 31 | | 12 | SDA |
| GND | 32 | | 13 | GND |
| TX3+ | 33 | ↔ | 14 | RX3+ |
| TX3- | 34 | ↔ | 15 | RX3- |
| GND | 35 | | 16 | GND |
| TX1+ | 36 | ↔ | 17 | RX1+ |
| TX1- | 37 | ↔ | 18 | RX1- |
| GND | 38 | | 19 | GND |

| P1 | | | P2 | |
|----------|-----------|---|-----------|----------|
| GND | 39 | | 58 | GND |
| TX6- | 40 | ↔ | 59 | RX6- |
| TX6+ | 41 | ↔ | 60 | RX6+ |
| GND | 42 | | 61 | GND |
| TX8- | 43 | ↔ | 62 | RX8- |
| TX8+ | 44 | ↔ | 63 | RX8+ |
| GND | 45 | | 64 | GND |
| Reserved | 46 | | 65 | NC |
| VS1 | 47 | | 66 | Reserved |
| VccRx1 | 48 | | 67 | VccTx1 |
| VS2 | 49 | | 68 | Vcc2 |
| VS3 | 50 | | 69 | Reserved |
| GND | 51 | | 70 | GND |
| RX7+ | 52 | ↔ | 71 | TX7+ |
| RX7- | 53 | ↔ | 72 | TX7- |
| GND | 54 | | 73 | GND |
| RX5+ | 55 | ↔ | 74 | TX5+ |
| RX5- | 56 | ↔ | 75 | TX5- |
| GND | 57 | | 76 | GND |
| GND | 58 | | 39 | GND |
| RX6- | 59 | ↔ | 40 | TX6- |
| RX6+ | 60 | ↔ | 41 | TX6+ |
| GND | 61 | | 42 | GND |
| RX8- | 62 | ↔ | 43 | TX8- |
| RX8+ | 63 | ↔ | 44 | TX8+ |
| GND | 64 | | 45 | GND |
| NC | 65 | | 46 | Reserved |
| Reserved | 66 | | 47 | VS1 |
| VccTx1 | 67 | | 48 | VccRx1 |
| Vcc2 | 68 | | 49 | VS2 |
| Reserved | 69 | | 50 | VS3 |
| GND | 70 | | 51 | GND |
| TX7+ | 71 | ↔ | 52 | RX7+ |
| TX7- | 72 | ↔ | 53 | RX7- |
| GND | 73 | | 54 | GND |
| TX5+ | 74 | ↔ | 55 | RX5+ |
| TX5- | 75 | ↔ | 56 | RX5- |
| GND | 76 | | 57 | GND |

WIRE PATTERN

| | | | |
|--|---|---|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN T. SMITH 16OCT2017 CHK K. STAUFFER 16OCT2017 APVD - | |
| DIMENSIONS: mm | TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ± FINISH ± | NAME CABLE ASSY, 28 AWG QSFP-DD - | SIZE CAGE CODE DRAWING NO A 00779 C=2323767 |
| MATERIAL | WEIGHT | CUSTOMER DRAWING | RESTRICTED TO SCALE 5:4 SHEET 2 OF 2 REV E |