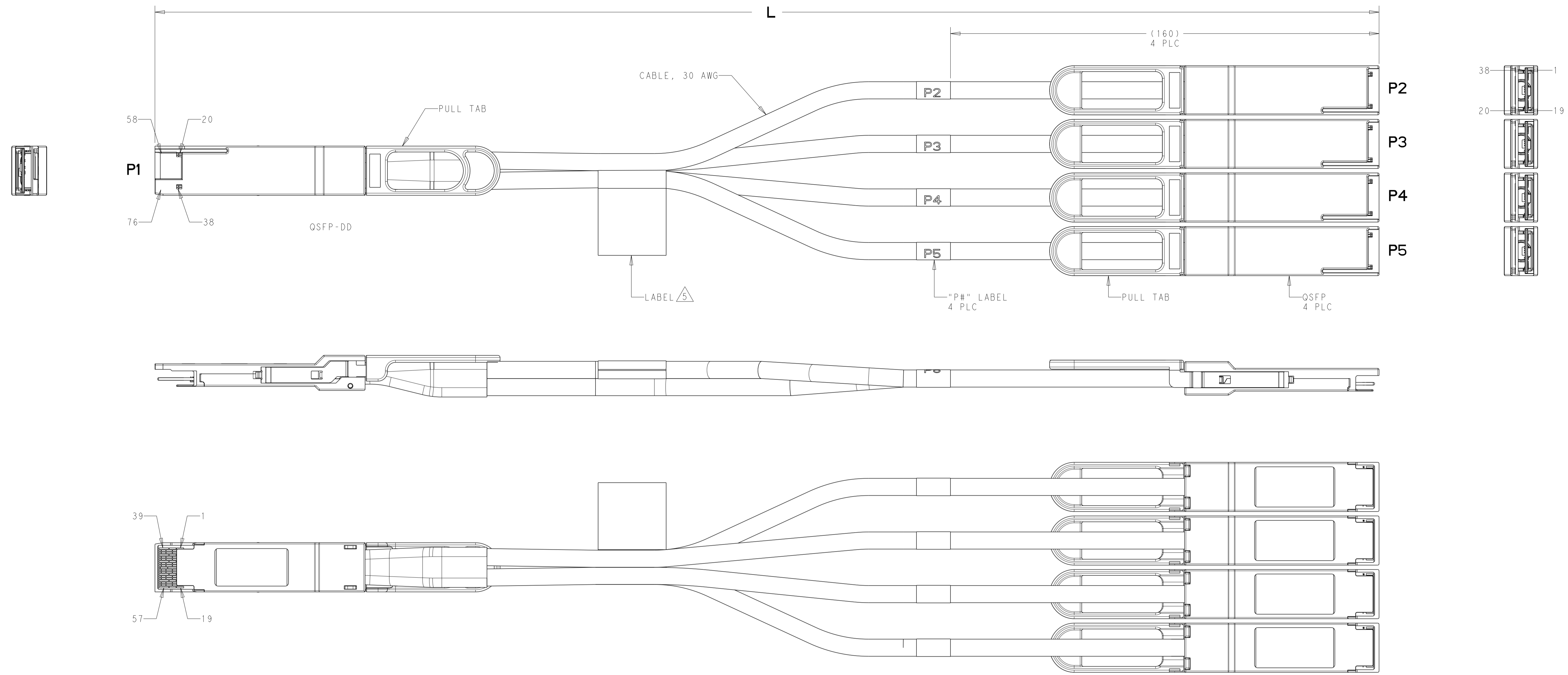




| REVISIONS | | | | |
|-----------|-----|----------------------------------|-----------|-------|
| P | LTN | DESCRIPTION | DATE | APVD |
| B | | ECO-20-010734: SM FORMAT UPDATED | 25SEP2020 | SS WY |
| | | | | |
| | | | | |



1. SEE SHEET 2 FOR WIRING SCHEMATIC.
2. ALL MATERIALS, COMPONENTS AND PROCESSES SHALL COMPLY WITH TEC-138-702 (CONTAINS NO BANNED OR RESTRICTED SUBSTANCES).
3. CABLE ASSEMBLY TESTED FOR OPENS, SHORTS AND PROPER EEPROM PROGRAM.
4. NO REACH SvHC SHALL BE CONTAINED ABOVE THE THRESHOLD AS DEFINED IN REACH SvHC COMPLIANCE DEFINITION IN ANNEX A OF TEC-138-702.

△ LABEL INFORMATION: -1 SHOWN.


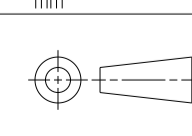


QSFP-DD - (4) QSFP
2821993-1
0.5M 30AWG
PPPPPLYWWSSS

MADE IN ...

- ← TE LOGO
- ← CONFIGURATION
- ← PART NUMBER
- ← LENGTH & WIRE GAUGE
- ← SERIAL NUMBER:
INCLUDES PART NUMBER, MANUFACTURING LOCATION,
DATE CODE AND UNIQUE SERIAL NUMBER

SERIAL NUMBER BARCODE
COUNTRY OF ORIGIN

| | | |
|---------------|---------|-----------|
| 1.5M, 30AWG | 1500±80 | 2821993-3 |
| 1M, 30AWG | 1000±50 | 2821993-2 |
| 0.5M, 30AWG | 500±30 | 2821993-1 |
| CONFIGURATION | "L" | PART NO |

| | | | |
|--|---|---|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN: J. RITA 11JUN2018 CHK: K. STAUFFER 16AUG2018 APVD: - |  TE Connectivity |
| DIMENSIONS: mm  | TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±0.5 1 PLC ±0.13 3 PLC ±0.013 4 PLC ±0.001 ANGLES ±0.0001 | PRODUCT SPEC APPLICATION SPEC MATERIAL: TBD FINISH: - | NAME: CABLE ASSEMBLY, 30AWG PRODUCT: QSFP-DD TO (4) QSFP SIZE: A 00779 CAGE CODE: 2821993 DRAWING NO: 2821993 WEIGHT: - CUSTOMER DRAWING |
| | | SCALE: 5:4 | SHEET 1 OF 2 REV B |

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

| P1 (QSFP-DD) | | | P2 (QSFP) | |
|--------------|----|---|-----------|------|
| GND | | | | GND |
| TX1+ | 36 | ↔ | 17 | RX1+ |
| TX1- | 37 | ↔ | 18 | RX1- |
| GND | | | | GND |
| TX2+ | 3 | ↔ | 22 | RX2+ |
| TX2- | 2 | ↔ | 21 | RX2- |
| GND | | | | GND |

| P1 (QSFP-DD) | | | P4 (QSFP) | |
|--------------|----|---|-----------|------|
| GND | | | | GND |
| TX5+ | 74 | ↔ | 17 | RX1+ |
| TX5- | 75 | ↔ | 18 | RX1- |
| GND | | | | GND |
| TX6+ | 41 | ↔ | 22 | RX2+ |
| TX6- | 40 | ↔ | 21 | RX2- |
| GND | | | | GND |

| | | | | |
|------|----|---|----|------|
| GND | | | | GND |
| RX1+ | 17 | ↔ | 36 | TX1+ |
| RX1- | 18 | ↔ | 37 | TX1- |
| GND | | | | GND |
| RX2+ | 22 | ↔ | 3 | TX2+ |
| RX2- | 21 | ↔ | 2 | TX2- |
| GND | | | | GND |

| | | | | |
|------|----|---|----|------|
| GND | | | | GND |
| RX5+ | 55 | ↔ | 36 | TX1+ |
| RX5- | 56 | ↔ | 37 | TX1- |
| GND | | | | GND |
| RX6+ | 60 | ↔ | 3 | TX2+ |
| RX6- | 59 | ↔ | 2 | TX2- |
| GND | | | | GND |

| P1 (QSFP-DD) | | | P3 (QSFP) | |
|--------------|----|---|-----------|------|
| GND | | | | GND |
| TX3+ | 33 | ↔ | 17 | RX1+ |
| TX3- | 34 | ↔ | 18 | RX1- |
| GND | | | | GND |
| TX4+ | 6 | ↔ | 22 | RX2+ |
| TX4- | 5 | ↔ | 21 | RX2- |
| GND | | | | GND |

| P1 (QSFP-DD) | | | P5 (QSFP) | |
|--------------|----|---|-----------|------|
| GND | | | | GND |
| TX7+ | 71 | ↔ | 17 | RX1+ |
| TX7- | 72 | ↔ | 18 | RX1- |
| GND | | | | GND |
| TX8+ | 44 | ↔ | 22 | RX2+ |
| TX8- | 43 | ↔ | 21 | RX2- |
| GND | | | | GND |

| | | | | |
|------|----|---|----|------|
| GND | | | | GND |
| RX3+ | 14 | ↔ | 36 | TX1+ |
| RX3- | 15 | ↔ | 37 | TX1- |
| GND | | | | GND |
| RX4+ | 25 | ↔ | 3 | TX2+ |
| RX4- | 24 | ↔ | 2 | TX2- |
| GND | | | | GND |

| | | | | |
|------|----|---|----|------|
| GND | | | | GND |
| RX7+ | 52 | ↔ | 36 | TX1+ |
| RX7- | 53 | ↔ | 37 | TX1- |
| GND | | | | GND |
| RX8+ | 63 | ↔ | 3 | TX2+ |
| RX8- | 62 | ↔ | 2 | TX2- |
| GND | | | | GND |

WIRING PATTERN

| | | | | |
|--|---|--|---|-------------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN: J. RITA 11JUN2018 CHK: K. STAUFFER 16AUG2018 | | |
| DIMENSIONS: mm | TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±0.5 2 PLC ±0.13 3 PLC ±0.013 4 PLC ±0.001 ANGLES ±. FINISH ±. | PRODUCT SPEC APPLICATION SPEC | NAME: CABLE ASSEMBLY, 30AWG QSFDP-DD TO (4) QSFP | |
| MATERIAL: TBD | | WEIGHT: - CUSTOMER DRAWING | SIZE: A 00779 C=2821993 SCALE: 5:4 | SHEET: 2 OF 2 REV: B |