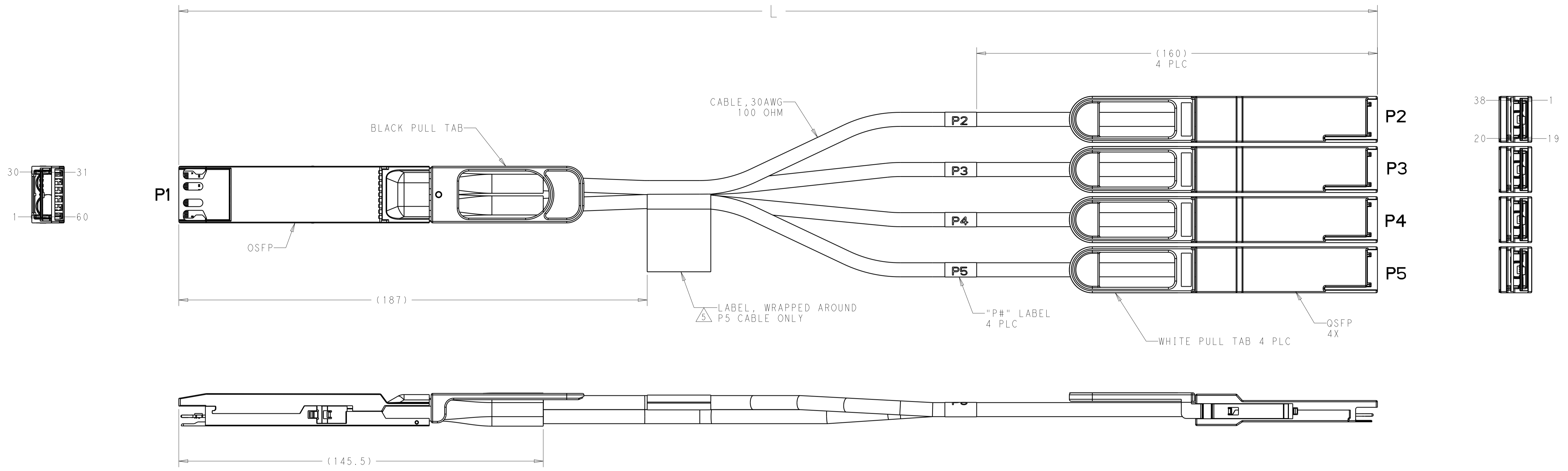



| REVISIONS |     |   |           |          |
|-----------|-----|---|-----------|----------|
| P.        | LTN | DESCRIPTION                             | DATE      | DWN APVD |
| 3         |     | REVISED NOTES 4 AND 5 PER ECO-20-013269 | 17SEP2020 | REH MS   |
|           |     |   |           |          |
|           |     |   |           |          |



- SEE SHEET 2 FOR WIRING SCHEMATIC.
  - ALL MATERIALS, COMPONENTS AND PROCESSES SHALL COMPLY WITH TEC-138-702. (CONTAIN NO BANNED OR RESTRICTED SUBSTANCES).
  - NO REACH SvHC SHALL BE CONTAINED ABOVE THE THRESHOLD AS DEFINED IN REACH SvHC COMPLIANCE DEFINITION IN ANNEX A OF TEC-138-702.
  - CABLE ASSEMBLIES ARE 100% TESTED FOR OPENS, SHORTS, HI-POT, AND PROPER EEPROM PROGRAM.
- ⚠ LABEL INFORMATION: -1 SHOWN.

|               |         |           |
|---------------|---------|-----------|
| 2M 30AWG      | 2000±30 | 2324442-4 |
| 1.5M 30AWG    | 1500±25 | 2324442-3 |
| 1M 30AWG      | 1000±20 | 2324442-2 |
| 0.5M 30AWG    | 500±20  | 2324442-1 |
| CONFIGURATION | L       | PART NO   |

 ← TE LOGO  
**OSFP - (4) QSFP**  
**2324442-1**  
**0.5M 30AWG**  
 P P P P P L Y Y W W X X X  
 00000000000000000000  
 MADE IN ...  
 ← TE PART NUMBER  
 ← CONFIGURATION  
 ← SERIAL NUMBER  
 SERIAL NUMBER BARCODE  
 COUNTRY OF ORIGIN

THIS PRODUCT HAS NOT COMPLETED VALIDATION AND QUALIFICATION TESTING  
  
 PRELIMINARY  
 NOT RELEASED FOR PRODUCTION

| DIMENSIONS: |        | TOLERANCES UNLESS OTHERWISE SPECIFIED: |  |
|-------------|--------|--|--|
| mm          | 0 PLC  | ±                                      |  |
|             | 1 PLC  | ±                                      |  |
|             | 2 PLC  | ±                                      |  |
|             | 3 PLC  | ±                                      |  |
|             | 4 PLC  | ±                                      |  |
|             | ANGLES | ±                                      |  |
|             | FINISH | ±                                      |  |

|  |  |                            |  |
|--|--|----------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN T. SMITH 03MAY2018     | <b>STE</b> TE Connectivity                   |
|  |  | CHK K. STAUFFER 03MAY2018  |  |
|  |  | APVD K. STAUFFER 03MAY2018 |  |
|  |  | PRODUCT SPEC               |  |
|  |  | APPLICATION SPEC           | NAME CABLE ASSEMBLY, 30 AWG OSFP TO (4) QSFP |
|  |  | RESTRICTED TO              | SIZE CAGE CODE DRAWING NO                    |
|  |  | RESTRICTED CUSTOMER        | A100779C=2324442                             |
|  |  | SCALE 5:1                  | SHEET 1 OF 2 REV 3                           |

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

| P1 (OSFP) |    |   | P2 (QSFP) |      |
|-----------|----|---|-----------|------|
| GND       |    |   | GND       |      |
| TX1+      | 59 | ↔ | 17        | RX1+ |
| TX1-      | 58 | ↔ | 18        | RX1- |
| GND       |    |   | GND       |      |
| TX2+      | 2  | ↔ | 22        | RX2+ |
| TX2-      | 3  | ↔ | 21        | RX2- |
| GND       |    |   | GND       |      |

| P1 (OSFP) |    |   | P4 (QSFP) |      |
|-----------|----|---|-----------|------|
| GND       |    |   | GND       |      |
| TX5+      | 53 | ↔ | 17        | RX1+ |
| TX5-      | 52 | ↔ | 18        | RX1- |
| GND       |    |   | GND       |      |
| TX6+      | 8  | ↔ | 22        | RX2+ |
| TX6-      | 9  | ↔ | 21        | RX2- |
| GND       |    |   | GND       |      |

|      |    |   |     |      |
|------|----|---|-----|------|
| GND  |    |   | GND |      |
| RX1+ | 29 | ↔ | 36  | TX1+ |
| RX1- | 28 | ↔ | 37  | TX1- |
| GND  |    |   | GND |      |
| RX2+ | 32 | ↔ | 3   | TX2+ |
| RX2- | 33 | ↔ | 2   | TX2- |
| GND  |    |   | GND |      |

|      |    |   |     |      |
|------|----|---|-----|------|
| GND  |    |   | GND |      |
| RX5+ | 23 | ↔ | 36  | TX1+ |
| RX5- | 22 | ↔ | 37  | TX1- |
| GND  |    |   | GND |      |
| RX6+ | 38 | ↔ | 3   | TX2+ |
| RX6- | 39 | ↔ | 2   | TX2- |
| GND  |    |   | GND |      |

| P1 (OSFP) |    |   | P3 (QSFP) |      |
|-----------|----|---|-----------|------|
| GND       |    |   | GND       |      |
| TX3+      | 56 | ↔ | 17        | RX1+ |
| TX3-      | 55 | ↔ | 18        | RX1- |
| GND       |    |   | GND       |      |
| TX4+      | 5  | ↔ | 22        | RX2+ |
| TX4-      | 6  | ↔ | 21        | RX2- |
| GND       |    |   | GND       |      |

| P1 (OSFP) |    |   | P5 (QSFP) |      |
|-----------|----|---|-----------|------|
| GND       |    |   | GND       |      |
| TX7+      | 50 | ↔ | 17        | RX1+ |
| TX7-      | 49 | ↔ | 18        | RX1- |
| GND       |    |   | GND       |      |
| TX8+      | 11 | ↔ | 22        | RX2+ |
| TX8-      | 12 | ↔ | 21        | RX2- |
| GND       |    |   | GND       |      |


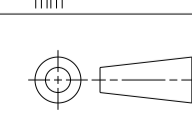
|      |    |   |     |      |
|------|----|---|-----|------|
| GND  |    |   | GND |      |
| RX3+ | 26 | ↔ | 36  | TX1+ |
| RX3- | 25 | ↔ | 37  | TX1- |
| GND  |    |   | GND |      |
| RX4+ | 35 | ↔ | 3   | TX2+ |
| RX4- | 36 | ↔ | 2   | TX2- |
| GND  |    |   | GND |      |

|      |    |   |     |      |
|------|----|---|-----|------|
| GND  |    |   | GND |      |
| RX7+ | 20 | ↔ | 36  | TX1+ |
| RX7- | 19 | ↔ | 37  | TX1- |
| GND  |    |   | GND |      |
| RX8+ | 41 | ↔ | 3   | TX2+ |
| RX8- | 42 | ↔ | 2   | TX2- |
| GND  |    |   | GND |      |

WIRING PATTERN

THIS PRODUCT HAS NOT COMPLETED VALIDATION AND QUALIFICATION TESTING

PRELIMINARY NOT RELEASED FOR PRODUCTION

|  |   |  |   |
|--|---|--|---|
| THIS DRAWING IS A CONTROLLED DOCUMENT.   |   | DWN T. SMITH 03MAY2018<br>CHK K. STAUFFER 03MAY2018<br>APVD K. STAUFFER 03MAY2018  |  TE Connectivity |
| DIMENSIONS:<br>mm<br> | TOLERANCES UNLESS OTHERWISE SPECIFIED:<br>0 PLC ±<br>1 PLC ±<br>2 PLC ±<br>3 PLC ±<br>4 PLC ±<br>ANGLES ± | NAME CABLE ASSEMBLY, 30 AWG OSFP TO (4) QSFP<br>PRODUCT SPEC -<br>APPLICATION SPEC -<br>SIZE CAGE CODE DRAWING NO. A100779C=2324442<br>RESTRICTED TO |   |
| MATERIAL   | FINISH  | WEIGHT   | RESTRICTED CUSTOMER<br>SCALE 5:1 SHEET 2 OF 2 REV 3   |