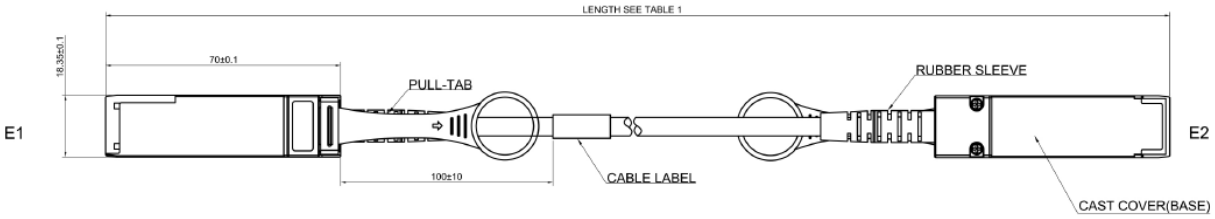
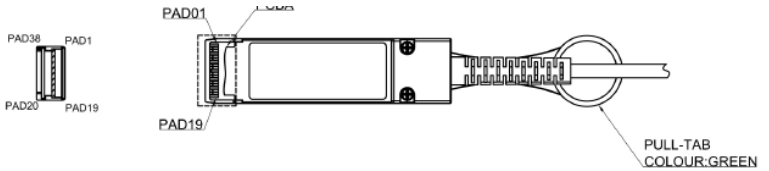
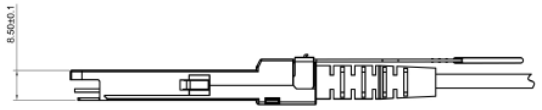
| REV | REV DATE | DESCRIPTION | APPROVAL |
|---|---|---|---|
| 0 | 08/22/2019 | RELEASE | KP/RF |

Notes/Instructions:
1. CABLE DISTANCE DEPENDENCE ON WIRE GAUGE DATA RATE,AND HOST BOARD DRIVER CAPABILITIES
2.MATERIALS:
BACKSHELLS: ZINC DIE CAST WITH BRIGHT NICKEL PLATING
DE-LATCH: STAINLESS STEEL WITH OVER MOLDED NYLON
SCREW: STAINLESS STEEL
CABLE: SOLID SILVER PLATED COPPER. 2 INDIVIDUAL SHIELDED PAIRS WITH DOUBLE SHIELDED OVERALL (JACKET COLOR: BLACK)
PCB: ROGERS43S0B+FR4,6 LAYERS,(AC COUPLING)
3. IMPEDANCE-100 OHMS DIFFERENTIAL
4.TWO-WIRE SERIAL MEMORY: EEPROM(256BYTES),DIGITAL MONITORING & CONTROL FUNCTION AND MEMORY PAGE NOT SUPPORTED.
5. THIS PRODUCT MEETS THE RESTICTION OF HAZARDOUS SUBSTANCES IN ELECTRICIAL AND ELECTRONIC REQUIREMENTS (ROHS)
6.COMPLIANT TO INDUSTRY STANDARDS:SFP+MSA SFF-8402




TYPE A

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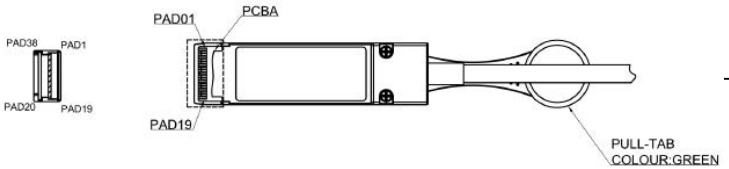
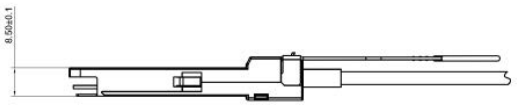
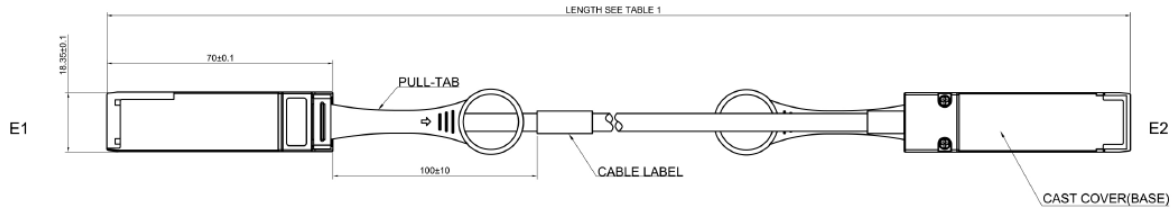



TYPE B




TYPE B

## Notes:



| | | | |
|---|---|---|---|
| TOLERANCES<br>LINEAR (mm)<br>X = ± 1<br>X.X = ± 0.5<br>X.XX = ± 0.30<br>X.XXX = ± 0.130<br>ANGULAR<br>X = 1°<br>.X = 0.5°<br>.XX = 0.25° | MATERIAL: | ENCONNEX<br>4670 AIRCENTER CIRCLE,<br>RENO, NV 89502 | PART NUMBER:<br>ECX-SFP-DAC |
| | DESCRIPTION: | | DESCRIPTION:<br>SFP+(10G) DAC<br>ECX-SFP-DAC |
| | DEBUR AND BREAK SHARP EDGES/CORNERS AT 0.2mm MAX | DRAWN BY: KOMAL PARAB | ORG DATE: 08-22-2019 |
| | | APPROVED BY: R. FAULKNER | REV DATE: 08-22-2019 |
| UNITS: mm [in] | INTERPRET TO ASME Y14.100 | SIZE: A4 / SCALE: N/A | SHEET: 1/2 / REV: A |

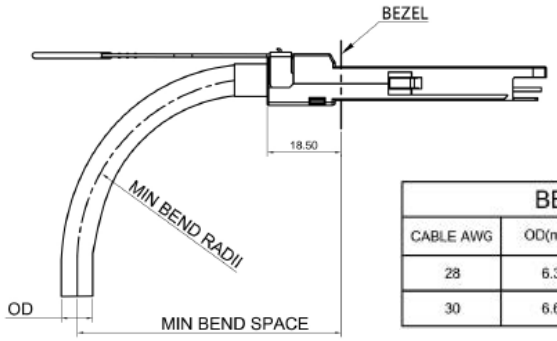
| REV | REV DATE | DESCRIPTION | APPROVAL |
|---|---|---|---|
| 0 | 08/22/2019 | RELEASE | KP/RF |

Notes/Instructions:

1. Compatibility and available length mentioned in Table 1

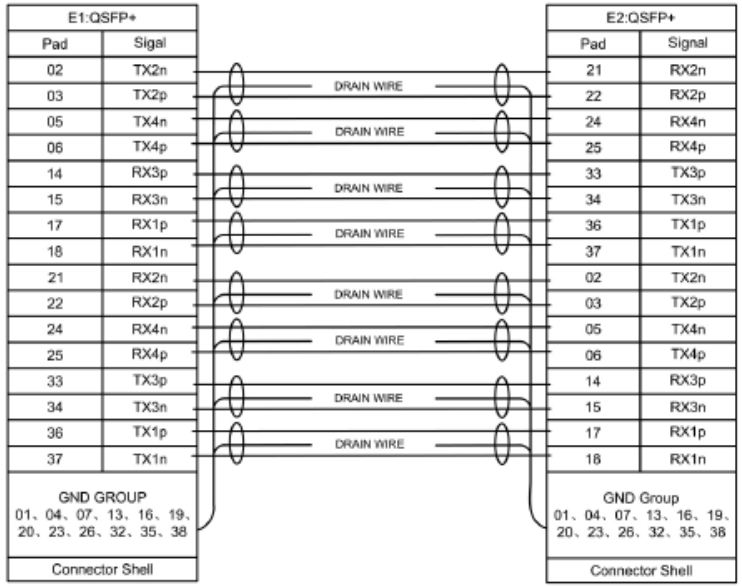
Table 1:

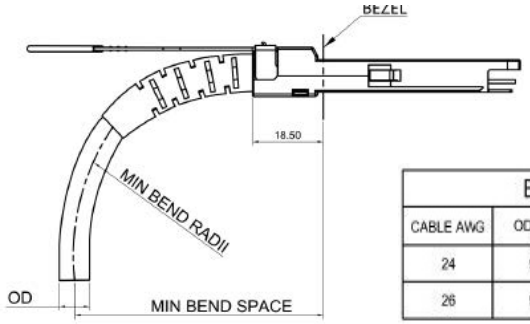
| High Speed Copper Cabling | Part Number | Compatibility | Length | AWG | Type |
|---|---|---|---|---|---|
| QSFP+(40G) DAC | ECX-QSFP-DAC-JP-0.5M | Juniper | 500±10mm | 30 AWG | Passive |
| | ECX-QSFP-DAC-JP-1M | | 1000±30mm | 30 AWG | |
| | ECX-QSFP-DAC-JP-2M | | 2000±30mm | 30 AWG | |
| | ECX-QSFP-DAC-JP-3M | | 3000±30mm | 30 AWG | |
| | ECX-QSFP-DAC-JP-5M | | 5000±90mm | 28 AWG | |
| | ECX-QSFP-DAC-JP-7M | | 7000±90mm | 28 AWG | |
| | ECX-QSFP-DAC-CS-0.5M | Cisco | 500±10mm | 30 AWG | |
| | ECX-QSFP-DAC-CS-1M | | 1000±30mm | 30 AWG | |
| | ECX-QSFP-DAC-CS-2M | | 2000±30mm | 30 AWG | |
| | ECX-QSFP-DAC-CS-3M | | 3000±30mm | 30 AWG | |
| | ECX-QSFP-DAC-CS-5M | | 5000±90mm | 28 AWG | |
| | ECX-QSFP-DAC-CS-7M | | 7000±90mm | 28 AWG | |
| | ECX-QSFP-DAC-BR-0.5M | Brocade | 500±10mm | 30 AWG | |
| | ECX-QSFP-DAC-BR-1M | | 1000±30mm | 30 AWG | |
| | ECX-QSFP-DAC-BR-2M | | 2000±30mm | 30 AWG | |
| | ECX-QSFP-DAC-BR-3M | | 3000±30mm | 30 AWG | |
| | ECX-QSFP-DAC-BR-5M | | 5000±90mm | 28 AWG | |
| | ECX-QSFP-DAC-BR-7M | | 7000±90mm | 28 AWG | |
| | ECX-QSFP-DAC-AR-0.5M | Arista | 500±10mm | 30 AWG | |
| | ECX-QSFP-DAC-AR-1M | | 1000±30mm | 30 AWG | |
| | ECX-QSFP-DAC-AR-2M | | 2000±30mm | 30 AWG | |
| | ECX-QSFP-DAC-AR-3M | | 3000±30mm | 30 AWG | |
| | ECX-QSFP-DAC-AR-5M | | 5000±90mm | 28 AWG | |
| | ECX-QSFP-DAC-AR-7M | | 7000±90mm | 28 AWG | |




| BEND RADII | | | |
|---|---|---|---|
| CABLE AWG | OD(mm) | MIN BEND RADII(mm) | MIN BEND SPACE |
| 28 | 6.3 | 31.5 | 50.0 |
| 30 | 6.6 | 33.0 | 48.5 |

## CABLE CONNECTION:




| BEND RADII | | | |
|---|---|---|---|
| CABLE AWG | OD(mm) | MIN BEND RADII(mm) | MIN BEND SPACE |
| 24 | 9.2 | 46.0 | 54.5 |
| 26 | 9.3 | 46.5 | 57.0 |

## Notes:



| | | | |
|---|---|---|---|
| TOLERANCES LINEAR (mm) X = ± 1 X.X = ± 0.5 X.XX = ± 0.30 X.XXX = ± 0.130 ANGULAR X = 1° .X = 0.5° .XX = 0.25° | MATERIAL: | ENCONNEX 4670 AIRCENTER CIRCLE, RENO, NV 89502 | PART NUMBER: ECX-SFP-DAC |
| | FINISH: | | DESCRIPTION: SFP+(10G) DAC ECX-SFP-DAC |
| | DEBUR AND BREAK SHARP EDGES/CORNERS AT 0.2mm MAX | DRAWN BY: KOMAL PARAB | ORG DATE: 08/22/2019 |
| | | APPROVED BY: R. FAULKNER | REV DATE: 08/22/2019 |
| UNITS: mm [in] | INTERPRET TO ASME Y14.100 | SIZE: A4 / SCALE: N/A | SHEET: 2/2 / REV: A |