

REV	REV DATE	DESCRIPTION	APPROVAL
0	11/15/2019	RELEASE	KP/RF

Notes/Instructions:

- CABLE DISTANCE DEPENDENCE ON WIRE GAUGE DATA RATE, AND HOST BOARD DRIVER CAPABILITIES.
- MATERIALS:
BLACK SHELLS: ZINC DIE CAST WITH BRIGHT NICKEL PLATING
DE-LATCH: STAINLESS STEEL WITH OVER MOLDED NYLON
SCREW: STAINLESS STEEL
CABL: SOLID SILVER PLATED COPPER. 2 INDIVIDUAL SHIELDDED PAIRS WITH 8 SHIELDED OVERALL. (JACKET COLOR: BLACK)
PCB: FR4, (AC COUPLING)
- IMPEDENCE-100 OHMS DIFFERENTIAL
- TWO-WIRE SERIAL MEMORY: EEPROM(256BYTES), DIGITAL MONITORING & CONTROL FUNCTION AND MEMORY PAGE NOT SUPPORTED.
- THIS PRODUCT MEETS THE RESTRICTION OF HAZARDOUS SUBSTANCES IN ELECTRICAL AND ELECTRONIC REQUIREMENTS (ROHS)
- COMPLIANT TO INDUSTRY STANDARDS: SFP+MSA SFF-8431 AND SFF-8436

D

D

C

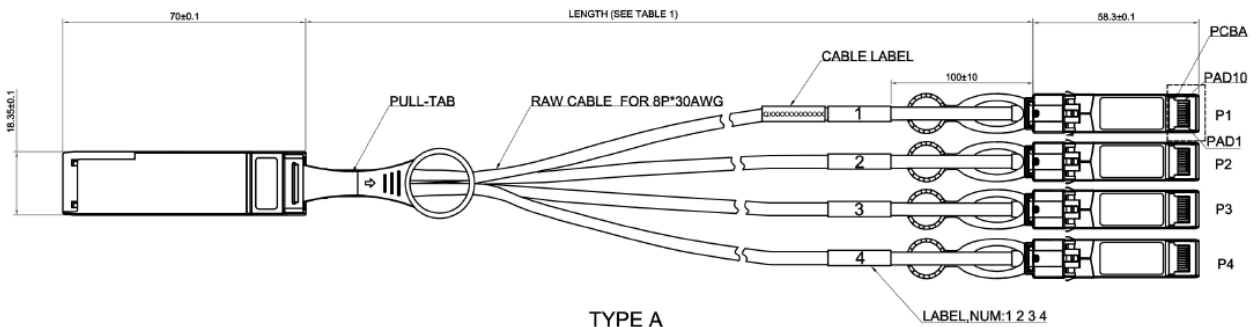
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B

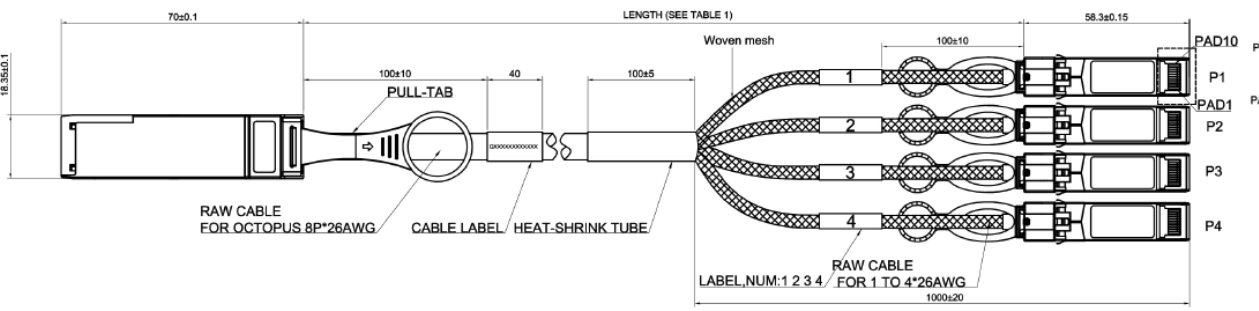
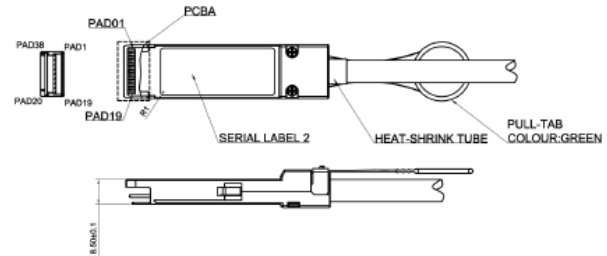
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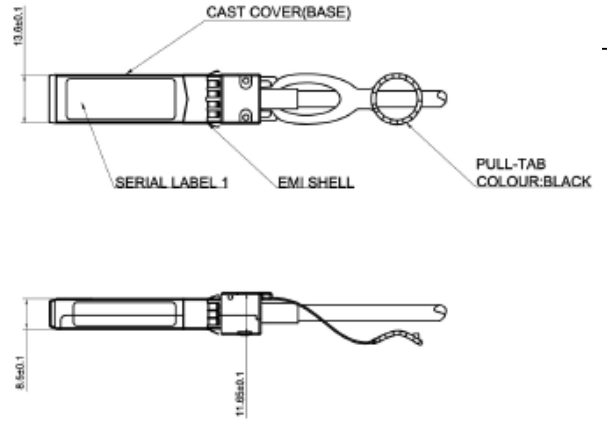
A



TYPE A


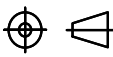


TYPE B



Notes:

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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:	 4670 AIRCENTER CIRCLE, RENO, NV 89502	PART NUMBER: ECX-QSFP-4SFP-DAC
	FINISH:		DESCRIPTION: QSFP+(40G) To 4xSFP+(10G) DAC
	DEBUR AND BREAK SHARP EDGES/CORNERS AT 0.2mm MAX	DRAWN BY: KOMAL PARAB	ORG DATE: 11/15/2019
UNITS: mm [in]	INTERPRET TO ASME Y14.100	APPROVED BY: R. FAULKNER	REV DATE: 11/15/2019
		SIZE: A4	SCALE: N/A
			SHEET: 1/2
			REV: 0

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Notes/Instructions:

CABLE CONNECTION:

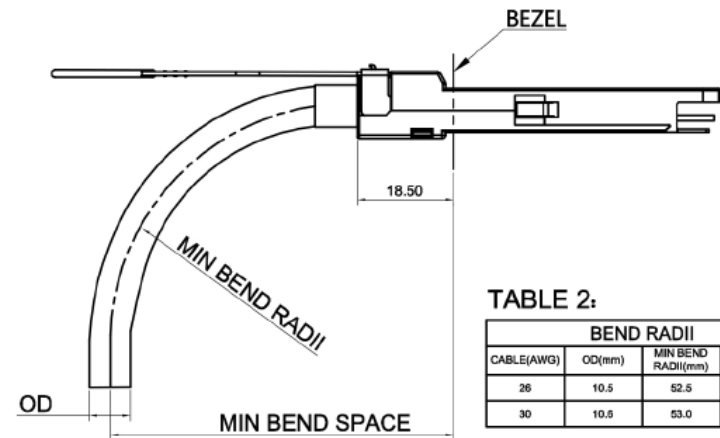
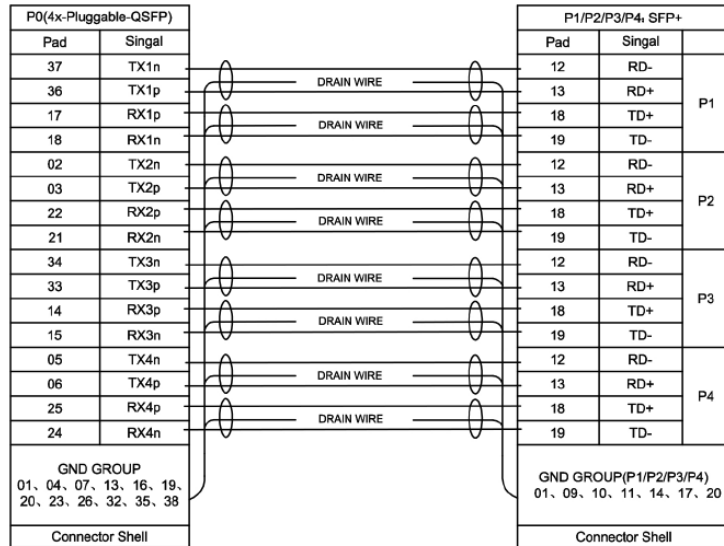


TABLE 2:

BEND RADII			
CABLE(AWG)	OD(mm)	MIN BEND RADI(mm)	MIN BEND SPACE
26	10.5	62.5	71.0
30	10.5	63.0	71.5

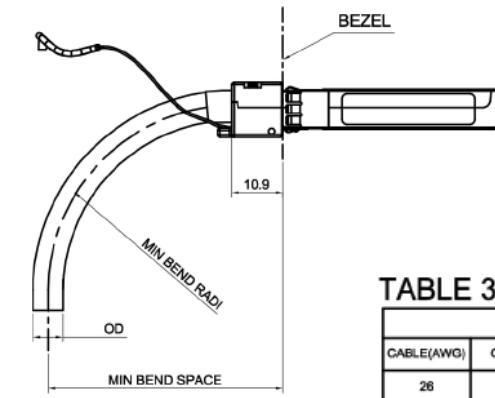


TABLE 3:




BEND RADII			
CABLE(AWG)	OD(mm)	MIN BEND RADI(mm)	MIN BEND SPACE
26	5.0	25.0	35.9
30	4.20	21.00	31.90

TABLE 1

High Speed Copper Cabling	Part Number	Compatibility	Length	AWG	Type
QSFP+(40G) to 4 x SFP + (10G) DAC	ECX-QSFP-4SFP-DAC-JP-1M	Juniper	1000±20mm	30 AWG	Passive
	ECX-QSFP-4SFP-DAC-JP-3M		3000±20mm	30 AWG	
	ECX-QSFP-4SFP-DAC-JP-5M		5000±90mm	26 AWG	
	ECX-QSFP-4SFP-DAC-CS-1M	Cisco	1000±20mm	30 AWG	
	ECX-QSFP-4SFP-DAC-CS-3M		3000±20mm	30 AWG	
	ECX-QSFP-4SFP-DAC-CS-5M		5000±90mm	26 AWG	
	ECX-QSFP-4SFP-DAC-BR-1M	Brocade	1000±20mm	30 AWG	
	ECX-QSFP-4SFP-DAC-BR-3M		3000±20mm	30 AWG	
	ECX-QSFP-4SFP-DAC-BR-5M		5000±90mm	26 AWG	
	ECX-QSFP-4SFP-DAC-AR-1M	Arista	1000±20mm	30 AWG	
	ECX-QSFP-4SFP-DAC-AR-3M		3000±20mm	30 AWG	
	ECX-QSFP-4SFP-DAC-AR-5M		5000±90mm	26 AWG	

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UNITS: mm [in]	SIZE: A4	SCALE: N/A	SHEET: 2/2
			REV: 0