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## REVISION

ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	05/29/2026	SLI	WLI

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C

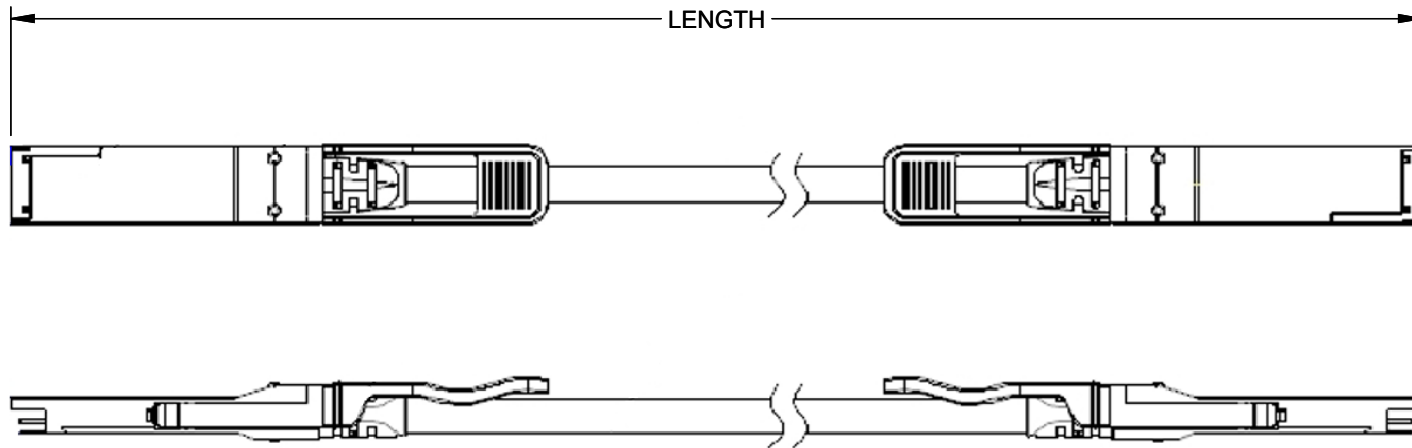
C

B

B

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A



PART NUMBER	TYPE	DATA RATE	CONNECTOR TYPE	WIRE GAUGE	LENGTH
DAC-QS1HMSA-1M	PASSIVE	100Gbps	QSFP28	30 AWG	1.0 METERS
DAC-QS1HMSA-2M	PASSIVE	100Gbps	QSFP28	30 AWG	2.0 METERS
DAC-QS1HMSA-3M	PASSIVE	100Gbps	QSFP28	30 AWG	3.0 METERS
DAC-QS1HMSA-5M	PASSIVE	100Gbps	QSFP28	26 AWG	5.0 METERS

**NOTES:**

- 1a. STORAGE TEMP: -40°C TO +85°C.  
 1b. OPERATING CASE TEMP: 0°C TO +70°C.  
 1c. POWER SUPPLY VOLTAGE (Vcc): 3.13V MIN, 3.3V TYP., 3.47V MAX.  
 1d. POWER DISSIPATION: 0.1W MAX.

2. CABLE ASSEMBLY SHALL BE INDIVIDUALLY PACKAGED.

**REGULATORY COMPLIANCE:**

EU RoHS DIRECTIVE (MOST RECENT RELEASED VERSION)

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UNLESS OTHERWISE SPECIFIED  
 LEADING DIMENSIONS ARE INCHES  
 DIMENSIONS IN [ ] ARE MILLIMETERS

TOLERANCES:  
 .X = ±.2 [5]  
 .XX = ±.02 [0.5]  
 .XXX = ±.005 [0.13]

FRACTIONS  
 ± 1/32  
 ANGLES ± 1°

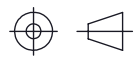
CABLE LENGTH TOLERANCES:  
 ≤12 [305] = +1 [25] / -0  
 >12 [305] ≤ 60 [1524] = +2 [51] / -0  
 >60 [1524] ≤ 120 [3048] = +4 [102] / -0  
 >120 [3048] ≤ 300 [7620] = +6 [152] / -0  
 >300 [7620] = +5% / -0

CABLE LENGTH TOL IAW IPC A-620

ALL DIMENSIONS ARE FOR REFERENCE ONLY  
 AND SUBJECT TO CHANGE WITHOUT NOTICE.  
 UN-DIMENSIONED/NON-CRITICAL FEATURES  
 MAY VARY IN SIZE AND LOCATION  
 COLORS MAY VARY

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INTERPRET ALL DIMENSIONS AND  
 TOLERANCES PER ASME Y14.5

SCALE	SHEET
NONE	1 OF 1

DESCRIPTION

100Gbps QSFP28 DAC, 0~70°C

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	SLI	DAC-QS1HMSA	A

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