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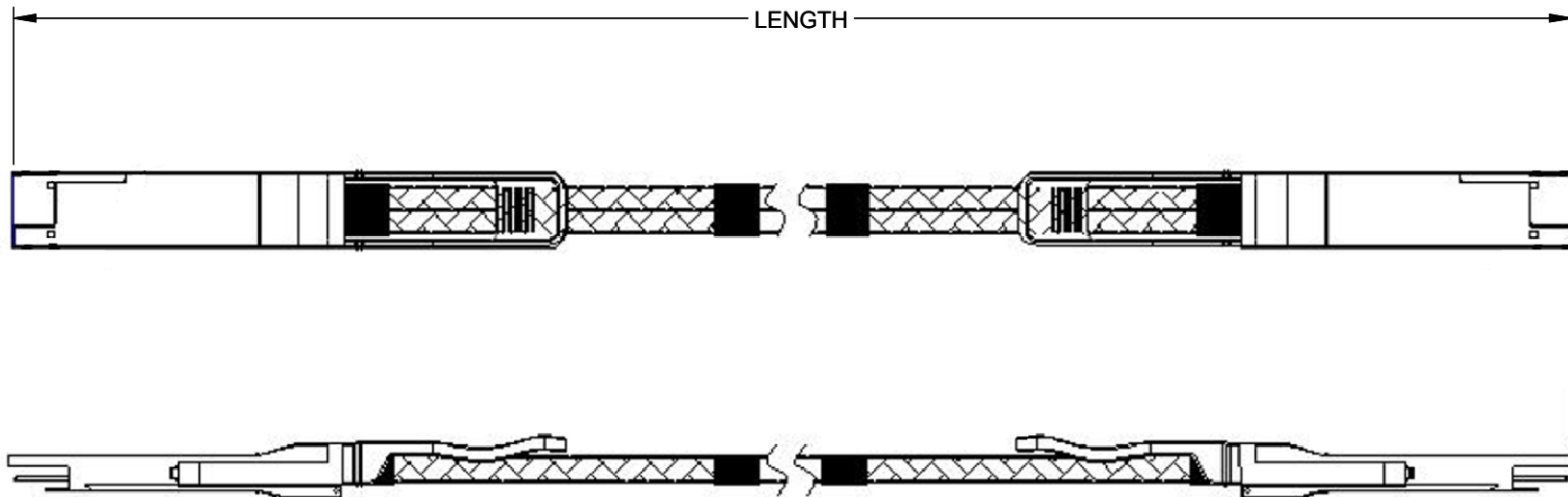
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REVISION					
ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	05/29/2026	SLI	WLI



PART NUMBER	TYPE	DATA RATE	CONNECTOR TYPE	WIRE GAUGE	LENGTH
DAC-QD8HMSA-1M	PASSIVE	800Gbps	QSFP-DD	28 AWG	1.0 METERS
DAC-QD8HMSA-2M	PASSIVE	800Gbps	QSFP-DD	26 AWG	2.0 METERS

#### NOTES:

- 1a. STORAGE TEMP: -40°C TO +85°C.
- 1b. OPERATING CASE TEMP: 0°C TO +70°C.
- 1c. POWER SUPPLY VOLTAGE (V<sub>cc</sub>): 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]

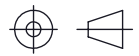
FRACTIONS  
± 1/32  
ANGLES ± 1°

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				
800Gbps QSFP-DD DAC, 0~70°C				
SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	SLI	DAC-QD8HMSA	A

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