

(0,80mm) .0315"

QDM8 SERIES



QDM8-022-02.0-L-D-A-2

QDM8-066-05.0-L-D-A-2

QDM8-044-05.0-L-D-A-2

DUAL GROUND PLANE HEADER

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?QDM8

Insulator Material:

Black LCP

Terminal & Ground Plane Material:

Phosphor Bronze

Plating:

Au over 50µ"

(1,27µm) Ni

Current Rating:

1.6A @ 30° temperature rise,

6 contact energized

Operating Temp Range:

-55°C to +125°C

Voltage Rating:

200 VAC

Max Cycles:

Testing Now!

RoHS Compliant:

Yes

Processing:

Lead-Free Solderable:

Yes

SMT Lead Coplanarity:

(0,10mm) .004" max (022-044)

(0,15mm) .006" max (066)



Board Mates:
QDF8



MATED HEIGHT*	
QDM8 LEAD STYLE	QDF8 LEAD STYLE
-05.0	-05.0
-02.0	(7,00) .276
-05.0	(10,00) .394

*Processing conditions will affect mated height.

Dual integral metal planes for power or ground

Rugged Edge Rate™ contacts for Signal Integrity

Polarized

(1,20mm) .047" NOMINAL WIPE

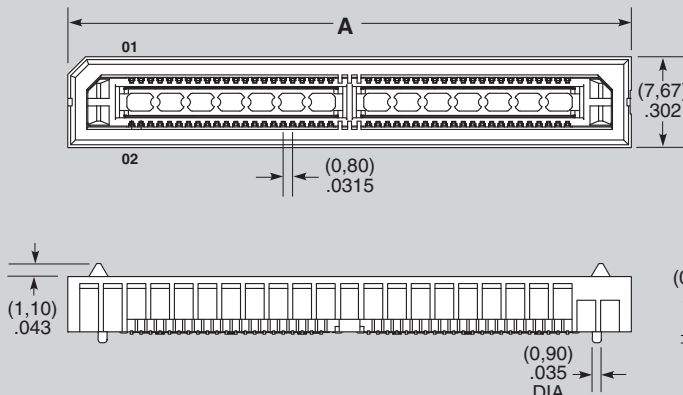
(0,80mm) .0315" pitch



- Edge Rate™ contacts
- Increased contact wipe

QDM8	POSITIONS PER ROW	LEAD STYLE	PLATING OPTION	D	A	SOLDER TYPE	OTHER OPTION
	-022, -044, -066 (44 total positions per bank)	-02.0 = 2mm Body Height -05.0 = 5mm Body Height	-L = 10µ" (0,25µm) Gold on Signal Pins and Ground Plane, Matte Tin on tails			-2 = Lead-Free Tin Alloy 96.5% Sn/ 3% Ag/0.5% Cu Solder Charge	-K = (9,00mm) .354" DIA Polyimide Film Pick & Place Pad -TR = Tape & Reel

NO. OF POSITIONS	A
-022	(27,58) 1.086
-044	(47,58) 1.873
-066	(67,58) 2.661



LEAD STYLE	B	C
-02.0	(4,86) .191	(5,96) .235
-05.0	(7,86) .309	(8,96) .353

Note: Some lengths, styles and options are non-standard, non-returnable.

Due to technical progress, all designs, specifications and components are subject to change without notice.

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