

(0,80mm) .0315"

QDF8 SERIES



QDF8-022-05.0-L-D-A-2

QDF8-066-05.0-L-D-A-2

DUAL GROUND PLANE SOCKET

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?QDF8

Insulator Material:

Black LCP

Contact & 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)
(0,15mm) .006" max (044-066)

Board Mates:
QDM8



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

*Processing conditions will affect mated height.

Rugged Edge Rate™
contacts for
Signal Integrity

Dual integral metal planes
for power or ground

Polarized

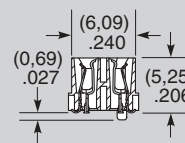
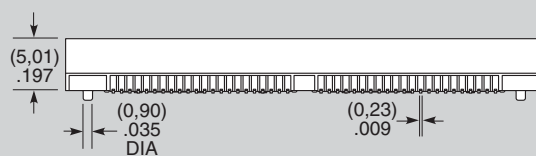
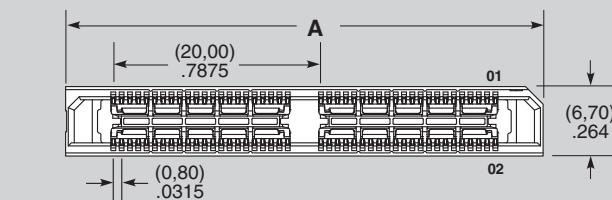
(1,20mm)
.047"
NOMINAL
WIPE

(0,80mm)
.0315" pitch



- Edge Rate™ contacts
- Increased contact wipe

QDF8	POSITIONS PER ROW	LEAD STYLE	PLATING OPTION	D	A	SOLDER TYPE	OTHER OPTION
	<div>-022, -044, -066 (44 total positions per bank)</div>	<div>-05.0 = 5mm Body Height</div>	<div>-L = 10µ" (0.25µm) Gold on Signal Pins and Ground Plane, Matte Tin on tails</div>			<div>-2 = Lead-Free Tin Alloy 96.5% Sn/ 3% Ag/0.5% Cu Solder Charge</div>	<div>-K = (7,00mm) .275" DIA Polyimide Film Pick & Place Pad</div> <div>-TR = Tape & Reel</div>



NO. OF POSITIONS	A
-022	(26,00) 1.024
-044	(46,00) 1.811
-066	(66,00) 2.598

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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