



(0,80mm) .0315"

QEF8 SERIES

QEF8-040-05.0-L-D-A

QEF8-060-05.0-L-D-A

EDGE RATE™ CONTACT GROUND PLANE

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?QEF8

Insulator Material: Black LCP

Terminal Material: BeCu

Plating: Au over 50µ" (1,27µm) Ni

Current Rating: Testing Now!

Operating Temp Range: Testing Now!

Voltage Rating: Testing Now!

Max Cycles: Testing Now!

RoHS Compliant: Yes

Processing: Lead-Free Solderable: Yes

SMT Lead Coplanarity: (0,10mm) .004" max

Board Mates: QEM8

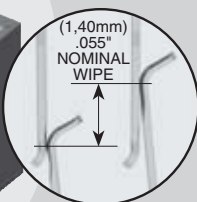
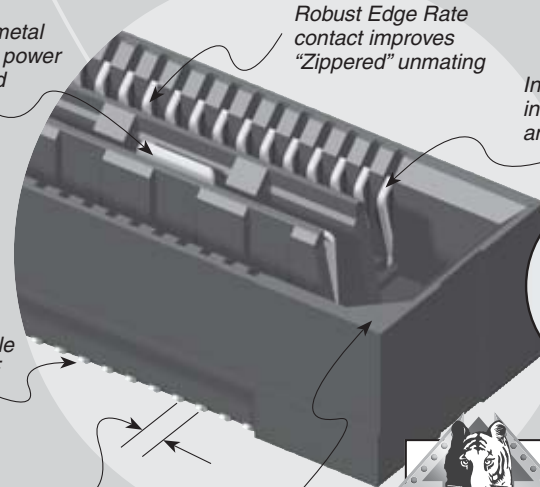


Integral metal plane for power or ground

Robust Edge Rate contact improves "Zippered" unmating

Increased insertion depth and contact wipe

Footprint compatible with QSE Series



(0,80mm) .0315" pitch

Polarized

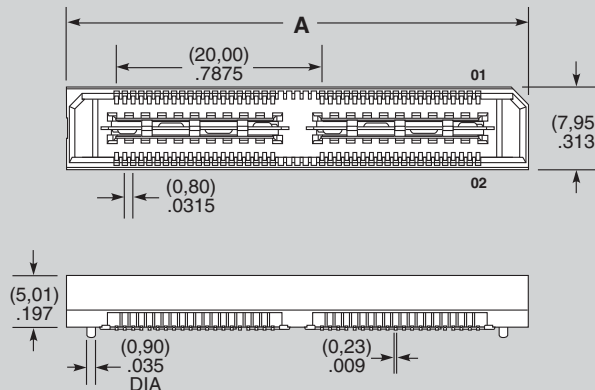


- Edge Rate™ contacts
- Increased contact wipe

MATED HEIGHT*	
QEM8 LEAD STYLE	QEF8 LEAD STYLE
-05.0	(10,00) .394

*Processing conditions will affect mated height.

QEF8	NO. OF POSITIONS PER ROW	LEAD STYLE	PLATING OPTION	D	A	OTHER OPTION
	-020, -040, -060 (40 total positions per bank)	-05.0 = 5mm Body Height	-S = 30µ" (0,76µm) Gold on Signal Pins and Ground Plane, Matte Tin on tails -L = 10µ" (0,25µm) Gold on Signal Pins and Ground Plane, Matte Tin on tails			-K = (8,25mm) .325" DIA Polyimide Film Pick & Place Pad -TR = Tape & Reel Packaging



NO. OF POSITIONS	A
-020	(25,02) 0.985
-040	(45,02) 1.772
-060	(65,02) 2.560

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.

WWW.SAMTEC.COM