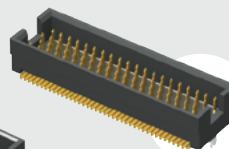
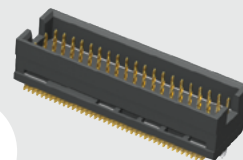


TOLC-140-02-F-Q-A



TOLC-120-02-L-Q-LC



TOLC SERIES

(1.27 mm) .050"

QUAD ROW SMT TERMINAL

SPECIFICATIONS

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

Insulator Material:

Black Liquid Crystal Polymer

Terminal Material:

Phosphor Bronze

Plating:

Au over 50 μ " (1.27 μ m) Ni

Current Rating:

2.4 A per pin

(6 adjacent pins powered)

Operating Temp Range:

-55 °C to +125 °C

RoHS Compliant:

Yes

Mates with:
SOLC

PROCESSING

Lead-Free Solderable:

Yes

SMT Lead Coplanarity:

(0.10 mm) .004" max (05-30)

(0.15 mm) .006" max (35-50)*

*(.004" stencil solution

may be available; contact

IPG@samtec.com)

RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality



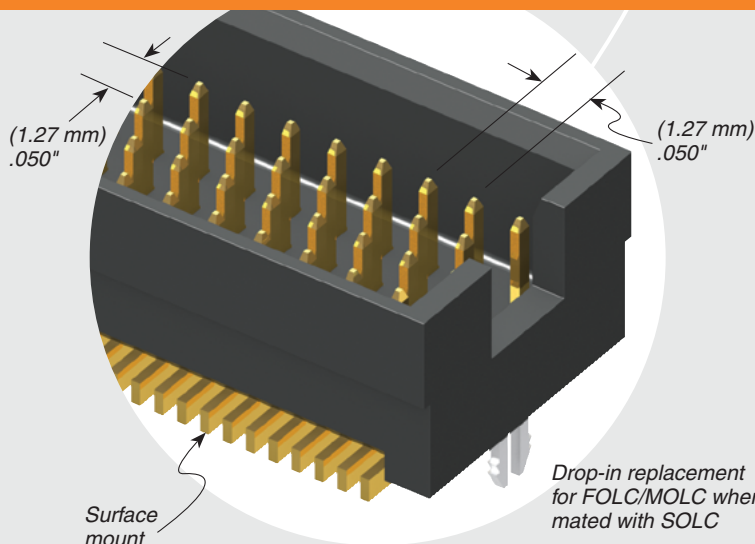
OTHER SOLUTIONS

- For Micro Rugged, see the MOLC/FOLC pages located in the Tiger Eye™ section.

ALSO AVAILABLE (MOQ Required)

- Other sizes
- Other platings

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



Surface mount

Drop-in replacement for FOLC/MOLC when mated with SOLC

TOLC

1

NO. PINS PER ROW

LEAD STYLE

PLATING OPTION

Q

OPTION

05, 10, 15, 20, 25,
30, 35, 40, 45, 50
(Standard sizes)

Specify
LEAD
STYLE
from
chart

—F
= Gold flash on post,
Gold flash on tail

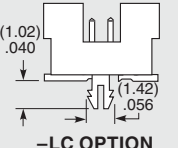
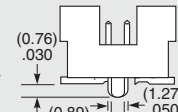
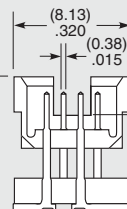
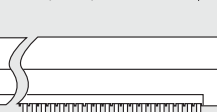
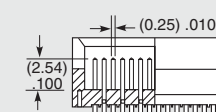
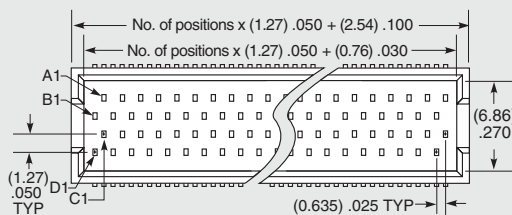
—L
= 10 μ " (0.25 μ m)
Gold on post,
Gold flash on tail

—A
= Alignment Pin
(Not available with -LC)

—LC
= Locking Clip
(Not available with -A)
(Manual placement
required)

—K
= (9.00 mm) .354" DIA
Polyimide film
Pick & Place Pad

—TR
= Tape & Reel



LEAD STYLE	A	MATED HEIGHT
-02	(5.59) .220	(6.35) .250
-12	(7.24) .285	(8.00) .315
-22	(9.25) .364	(10.00) .394
-32	(11.23) .442	(12.00) .472

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

WWW.SAMTEC.COM

All parts within this catalog are built to Samtec's specifications.

Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.