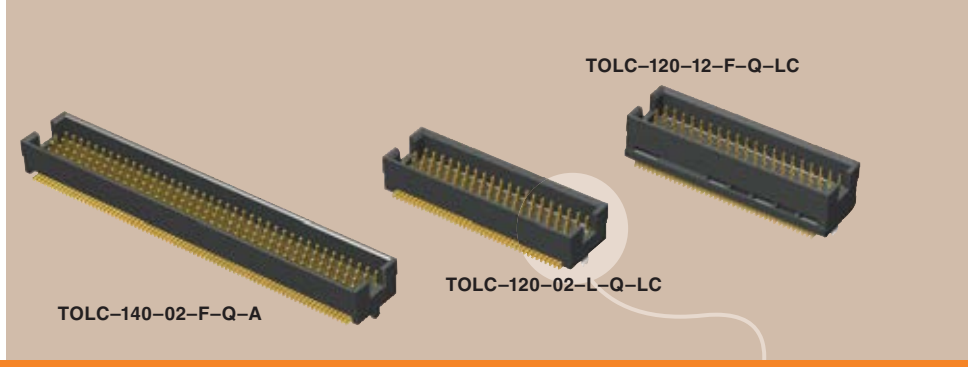
samtec

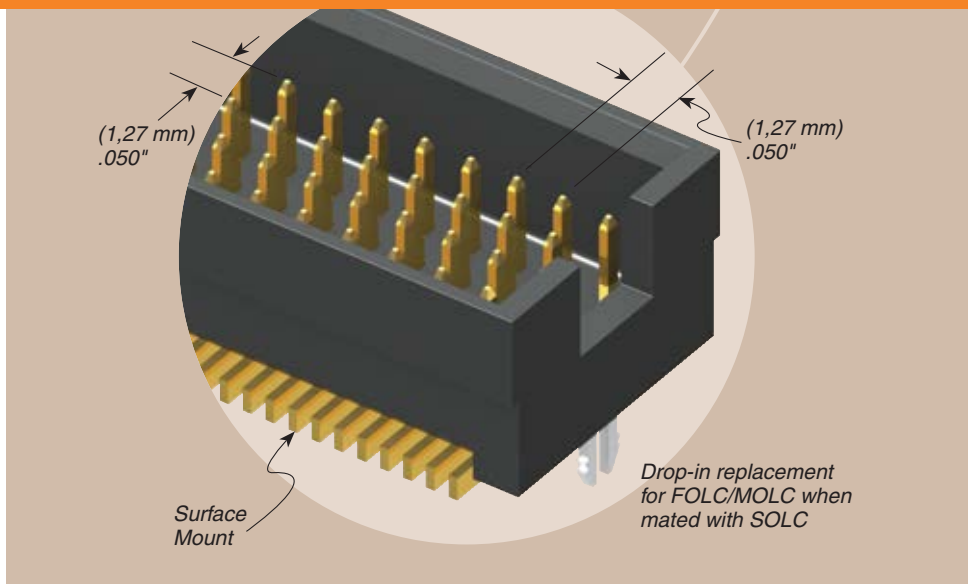
FOURRAY™

(1,27 mm) .050"

TOLC SERIES



QUAD ROW SMT TERMINAL



SPECIFICATIONS

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

Insulator Material:
Black Liquid Crystal Polymer

FILE NO. E111594

Terminal Material:
Phosphor Bronze

Plating:
Au over 50µ" (1,27 µm) Ni

Current Rating:
2.5A per contact @ 80°C ambient

Operating Temp Range:
-55°C to +125°C

RoHS Compliant:
Yes

Processing:

Lead-Free Solderable:
Yes

SMT Lead Coplanarity:
(0,10 mm) .004" max (05-30)
(0,15 mm) .006" max (35-50)

Mates with:
SOLC

ALSO AVAILABLE

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

TOLC – 1 NO. PINS PER ROW – LEAD STYLE – PLATING OPTION – Q – OPTION

05, 10, 15, 20, 25, 30, 35, 40, 45, 50
(Call Samtec for other sizes)

Specify LEAD STYLE from chart

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

–L
= 10µ" (0,25 µm) Gold on post, Gold flash on tail

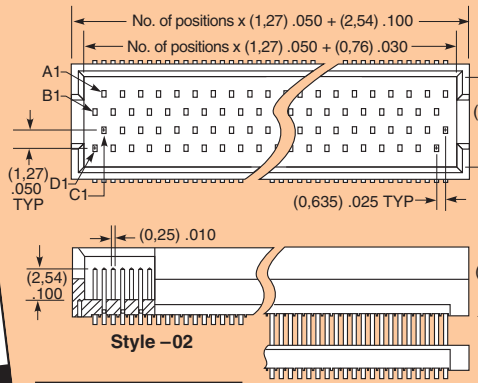
Note: Other Gold plating options available. Contact Samtec.

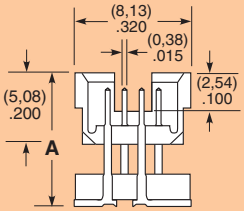
–A
= Alignment Pin (Not available with -LC)

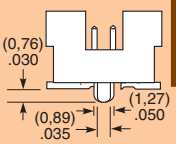
–LC
= Locking Clip (Not available with -A) (Manual placement required)

–K
= (9,00 mm) .354" DIA Polyimide film Pick & Place Pad

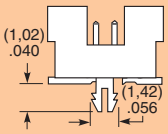
–TR
= Tape & Reel







–A OPTION



–LC OPTION

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

TAPE & REEL AVAILABILITY

No tooling charges.
Minimum order is the lesser of a full reel quantity or 125 pieces.
Order any quantity above minimum.
In-house design, manufacture.
Quick turn-around.

Call Samtec for specifications and ordering information.

Note: Some sizes, 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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