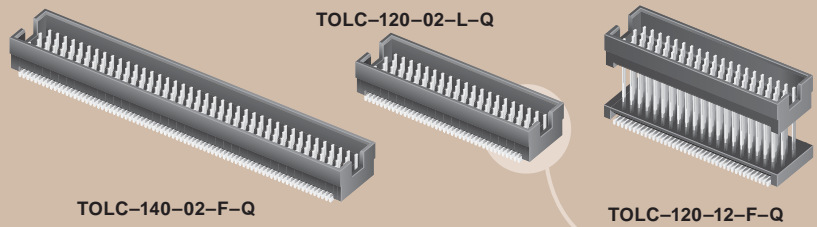




(0,635mm) .025"

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



Terminal Material:

Phosphor Bronze

Plating: Au over 50µ" (1,27µm) Ni

Current Rating: 2.5A @ 80°C ambient

Operating Temp Range: -55°C to +125°C

RoHS Compliant: Yes

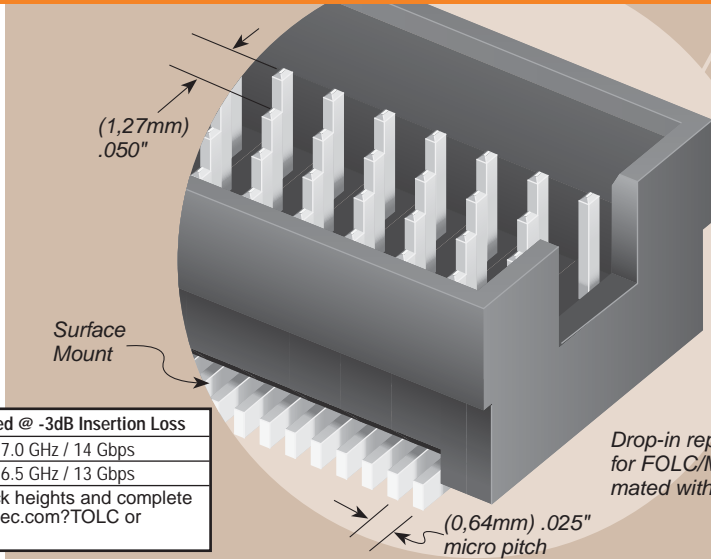
Yes

Processing:

Lead-Free Solderable: Yes

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

Mates with:
SOLC



6,35mm Stack Height	Rated @ -3dB Insertion Loss
Single-Ended Signaling	7.0 GHz / 14 Gbps
Differential Pair Signaling	6.5 GHz / 13 Gbps

Performance data for other stack heights and complete test data available at www.samtec.com?TOLC or contact sig@samtec.com.

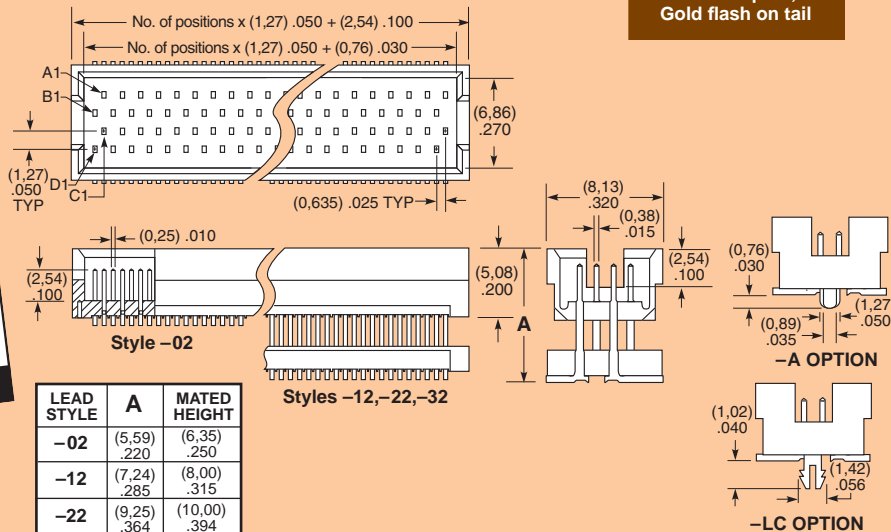
TOLC - **1** **NO. PINS PER ROW** - **LEAD STYLE** - **PLATING OPTION** - **Q** - **OPTION**

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" (0,25µm) Gold on post, Gold flash on tail

-A = Alignment Pin (N/A with -LC)
-LC = Locking Clip (N/A with -A) (Manual placement required)
-K = (9,00mm) .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

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: Other Gold plating options available. Contact Samtec.

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.

WWW.SAMTEC.COM