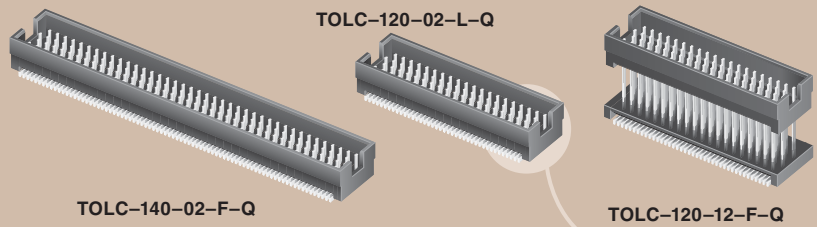




(0,635mm) .025"

TOLC SERIES



# QUAD ROW SMT TERMINAL

## SPECIFICATIONS

For complete specifications and recommended PCB layouts see [www.samtec.com?TOLC](http://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

**Processing:**

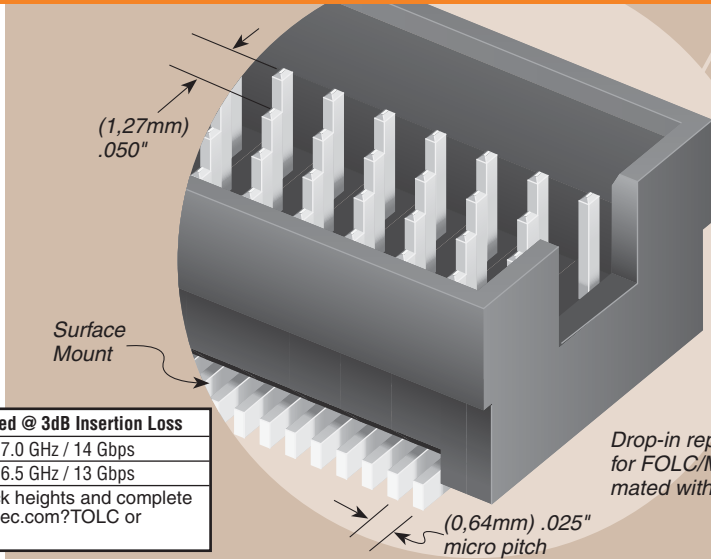
Lead-Free Solderable:

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](http://www.samtec.com?TOLC) or contact sig@samtec.com.

Drop-in replacement for FOLC/MOLC when mated 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" (0,25µm) Gold on post, Gold flash on tail	-A	= Alignment Pin (N/A with -LC)
				Note: Other Gold plating options available. Contact Samtec.	-LC	= Locking Clip (N/A with -A) (Manual placement required)
					-K	= (9,00mm) .354" DIA Polyimide film Pick & Place Pad
					-TR	= Tape & Reel

**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.

[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)