

(1.27 mm) .050"

FOLC SERIES

QUAD ROW TIGER EYE™ SOCKETS

SPECIFICATIONS

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

Insulator Material:

Black Liquid Crystal Polymer

Contact Material:

BeCu

Plating:

Au or Sn over

50 μ" (1.27 μm) Ni

Current Rating:

2.6 A per pin

(4 pins powered)

Voltage Rating:

165 VAC/230 VDC

Operating Temp Range:

-55 °C to +125 °C

Insertion Depth:

(3.30 mm) .130" to

(4.06 mm) .160"

Normal Force:

Standard= 70 grams

(0.69 N) avg.

LIF= 40 grams (0.39 N) avg.

Max Cycles:

100

RoHS Compliant:

Yes

PROCESSING

Lead-Free Solderable:

Yes

SMT Lead Coplanarity:

(0.15 mm) .006" max*

*(.004" stencil solution

may be available; contact

IPG@samtec.com)

RECOGNITIONS

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



OTHER SOLUTIONS

- Surface mount design with Tiger Buy™ contacts (see TOLC/SOLC Series)

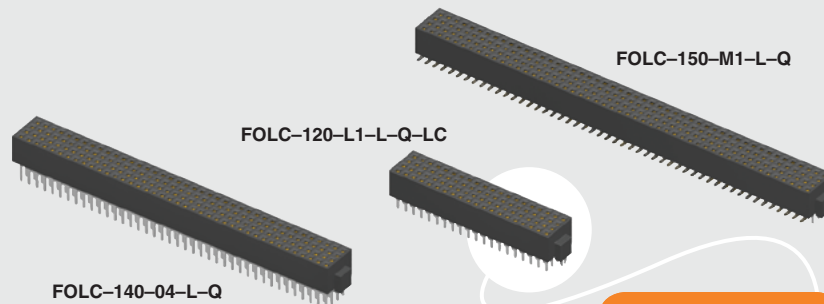
Note:

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

Mates with:
MOLC

ALSO AVAILABLE (MOQ Required)

- Other sizes
- Alignment pins
- Other platings



Low Insertion Force contacts available

High-reliability
Tiger Eye™
contacts

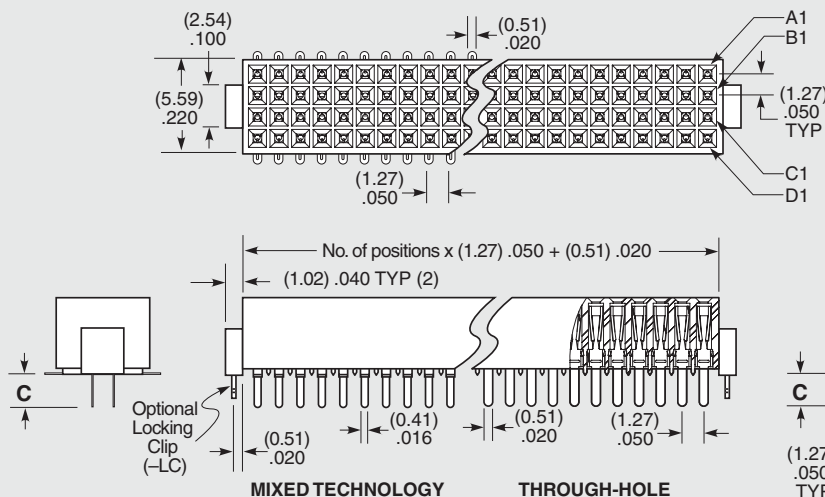
Through-hole

(1.27 mm) .050" x
(1.27 mm) .050"
micro pitch

TIGER
EYE
CONTACT

Locking clip
options available

FOLC	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	Q	OPTION
			-01 & -04 = Through-hole -M1 & -M2 = Mixed Technology -L1 & -L4 = Low Insertion Force Through-hole	-L = 10 μ" (0.25 μm) Gold on contact, Matte Tin on tail		-LC = Locking Clip (Manual placement required)



LEAD STYLE	C
-01, -M1	(1.91) .075
-04, -M2	(3.04) .120

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.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Samtec:

[FOLC-120-04-S-Q-LC](#) [FOLC-150-04-S-Q-LC](#) [FOLC-135-04-L-Q-LC](#) [FOLC-120-01-S-Q-LC](#) [FOLC-125-01-S-Q-LC](#)
[FOLC-120-01-L-Q-LC](#) [FOLC-135-04-S-Q-LC](#) [FOLC-120-01-L-Q](#) [FOLC-130-01-S-Q-LC](#) [FOLC-130-04-S-Q-LC](#) [FOLC-](#)
[125-L1-S-Q-LC](#) [FOLC-130-L1-S-Q-LC](#) [FOLC-135-02-S-Q](#) [FOLC-135-04-S-Q](#) [FOLC-140-04-S-Q-LC](#) [FOLC-140-L1-S-](#)
[Q-LC](#) [FOLC-145-01-S-Q](#) [FOLC-145-04-S-Q](#) [FOLC-150-02-S-Q-P](#) [FOLC-120-02-S-Q-LC-P-TR](#) [FOLC-120-L2-S-Q-P-](#)
[TR](#) [FOLC-120-M1-S-Q](#) [FOLC-120-M1-S-Q-LC](#) [FOLC-125-L2-S-Q-P](#) [FOLC-130-L2-S-Q-P](#) [FOLC-130-M1-S-Q-LC](#)
[FOLC-135-L2-S-Q](#) [FOLC-140-L2-S-Q-LC](#) [FOLC-145-L2-S-Q-LC](#) [FOLC-150-L4-S-Q-LC](#) [FOLC-150-M2-S-Q](#) [FOLC-](#)
[150-M2-S-Q-LC](#) [FOLC-105-L2-S-Q](#) [FOLC-120-04-S-Q](#) [FOLC-120-L2-S-Q-LC-P](#) [FOLC-135-01-S-Q](#) [FOLC-135-01-S-](#)
[Q-P](#) [FOLC-135-L1-S-Q-LC](#) [FOLC-140-01-S-Q](#) [FOLC-145-01-S-Q-LC](#) [FOLC-145-02-S-Q-P-TR](#) [FOLC-150-L2-S-Q](#)
[FOLC-125-M2-L-Q](#) [FOLC-120-M1-L-Q](#) [FOLC-122-02-S-Q-LC](#) [FOLC-135-L1-S-Q](#) [FOLC-145-L1-S-Q](#) [FOLC-125-02-S-](#)
[Q-P-TR](#) [FOLC-130-02-S-Q-LC](#) [FOLC-130-02-S-Q-P](#) [FOLC-135-02-S-Q-LC](#) [FOLC-135-02-S-Q-LC-P](#) [FOLC-145-02-S-](#)
[Q](#) [FOLC-145-02-S-Q-LC-P](#) [FOLC-120-02-S-Q-LCR-K](#) [FOLC-120-L4-S-Q-LC](#) [FOLC-125-L2-S-Q-K-TR](#) [FOLC-125-L2-](#)
[S-Q-LC](#) [FOLC-135-L2-S-Q-LC](#) [FOLC-150-01-S-Q](#) [FOLC-150-L2-S-Q-P-TR](#) [FOLC-115-L2-S-Q-LC](#) [FOLC-120-01-S-Q](#)
[FOLC-125-02-S-Q-LC](#) [FOLC-125-02-S-Q-LC-P](#) [FOLC-135-02-S-Q-P-TR](#) [FOLC-140-02-S-Q-K-TR](#) [FOLC-145-02-S-](#)
[Q-LC](#) [FOLC-145-02-S-Q-P](#) [FOLC-150-02-S-Q-P-TR](#) [FOLC-120-02-S-Q-LC-P](#) [FOLC-120-L2-S-Q-LC](#) [FOLC-125-04-S-](#)
[Q-LC](#) [FOLC-140-01-S-Q-LC](#) [FOLC-140-L4-S-Q-LC](#) [FOLC-150-02-S-Q-LC](#) [FOLC-150-L1-S-Q-LC](#) [FOLC-150-L2-S-Q-](#)
[LC](#) [FOLC-135-M1-S-Q-LC](#) [FOLC-140-L1-S-Q](#) [FOLC-150-02-S-Q](#) [FOLC-150-02-S-Q-LC-P](#) [FOLC-140-02-S-Q-P](#)
[FOLC-140-02-S-Q-P-TR](#) [FOLC-150-04-S-Q](#) [FOLC-150-L1-S-Q](#) [FOLC-125-M1-S-Q](#) [FOLC-130-L1-S-Q](#) [FOLC-140-02-](#)
[S-Q](#) [FOLC-140-04-S-Q](#) [FOLC-140-M1-S-Q-LC](#) [FOLC-145-04-S-Q-LC](#) [FOLC-145-L1-S-Q-LC](#) [FOLC-150-L2-S-Q-LC-P](#)
[FOLC-110-L1-S-Q](#) [FOLC-120-01-S-Q-P](#) [FOLC-120-04-S-Q-P](#) [FOLC-120-L1-S-Q](#) [FOLC-120-L1-S-Q-LC](#) [FOLC-120-](#)
[L2-S-Q](#)