

FOLC SERIES

(1.27 mm) .050"

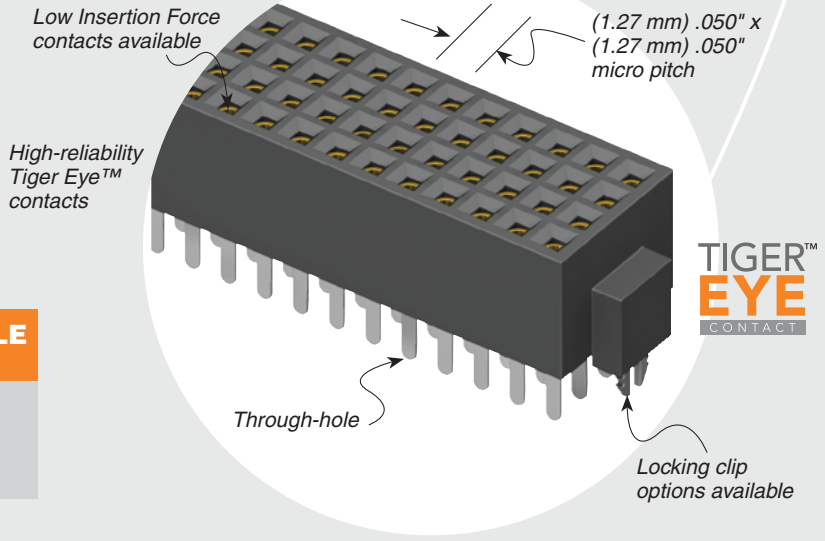
QUAD ROW TIGER EYE™ SOCKETS

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

Mates with:
MOLC



ALSO AVAILABLE (MOQ Required)

- Other sizes
 - Alignment pins
 - Other platings
- Contact Samtec.



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

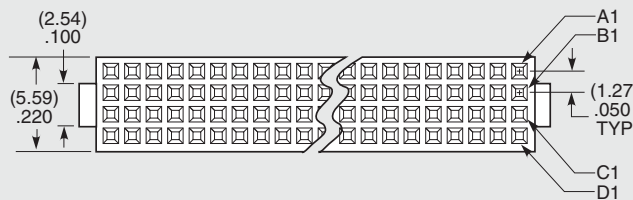


OTHER SOLUTIONS

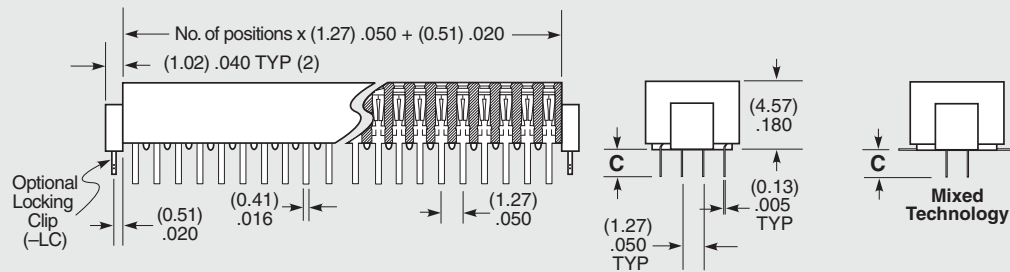
- Surface mount design with Tiger Buy™ contacts (see TOLC/SOLC Series)

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

FOLC	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	Q	OPTION
		20, 25, 30, 35, 40, 45, 50 (Standard sizes)	-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.