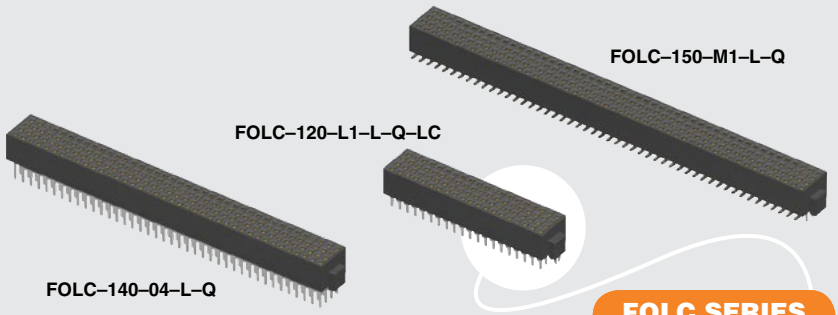
samtec



(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 with 30 µ" (0.76 µm) Au
RoHS Compliant:
Yes

Mates with:
MOLC

PROCESSING

Lead-Free Solderable:
Yes
SMT Lead Coplanarity:
(0.15 mm) .006" max

RECOGNITIONS

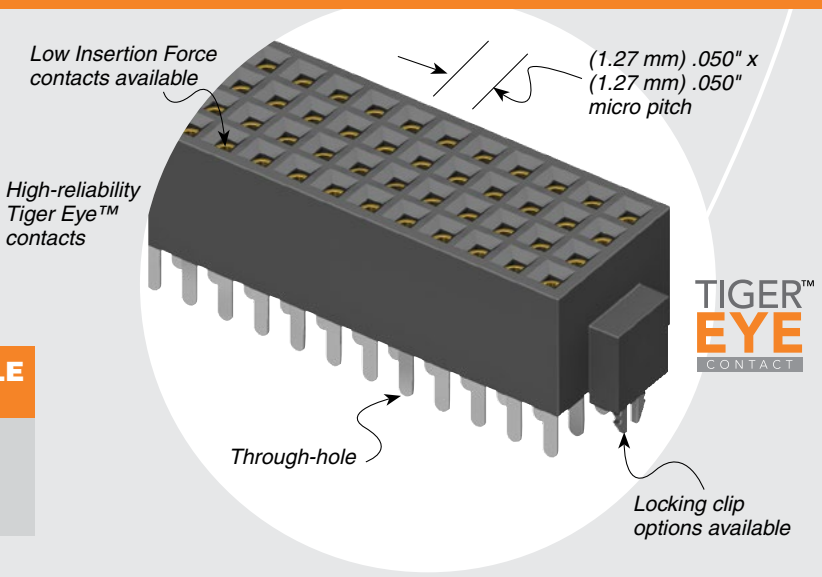
For complete scope of recognitions see www.samtec.com/quality

FILE NO. E111594

OTHER SOLUTIONS

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

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



ALSO AVAILABLE (MOQ Required)

- Other sizes
- Alignment pins
- Other platings

Contact Samtec.

ORDERING INFORMATION

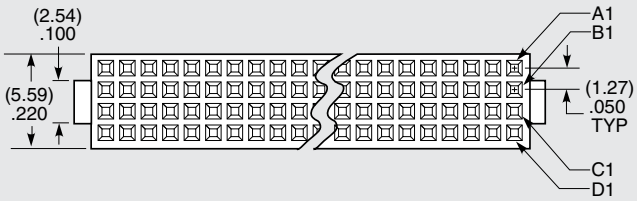
FOLC	–	1	NO. PINS PER ROW	–	LEAD STYLE	–	PLATING OPTION	–	Q	–	OPTION

NO. PINS PER ROW: 20, 25, 30, 35, 40, 45, 50 (Standard sizes)

LEAD STYLE:
–01 & –04 = Through-hole
–M1 & –M2 = Mixed Technology
–L1 & –L4 = Low Insertion Force Through-hole

PLATING OPTION: –L = 10 µ" (0.25 µm) Gold on contact, Matte Tin on tail

OPTION: –LC = Locking Clip (Manual placement required)



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