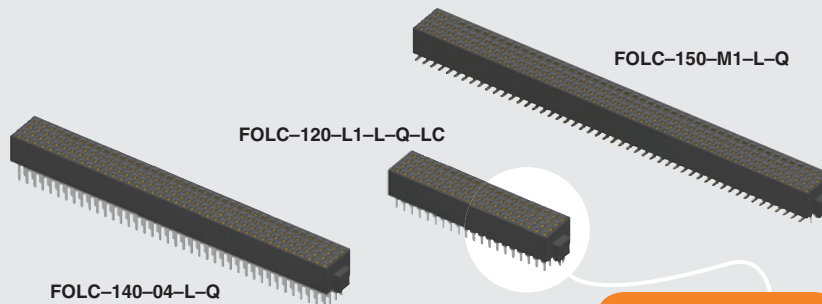




(1,27 mm) .050"



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

Current Rating:

2.6 A per pin

(1 pin powered per row)

Operating Temp Range:

-55°C to +125°C

Plating:

Au or Sn over

50µ" (1,27 µm) Ni

Contact Resistance:

15 mΩ

Insertion Depth:

(3,30 mm) .130" to

(4,06 mm) .160"

Insertion Force:

(Single contact only)

Standard= 5.0 oz (1,39 N) avg.

LIF= 2.0 oz (0,56 N) avg.

Normal Force:

Standard= 70 grams

(0,69 N) avg.

LIF= 40 grams (0,39 N) avg.

Withdrawal Force:

(Single contact only)

Standard= 4 oz (1,11 N) avg.

LIF= 1.5 oz (0,42 N) avg.

Max Cycles:

100 with 30µ" (0,76 µm) Au

RoHS Compliant:

Yes

Processing:

Lead-Free Solderable:

Yes

SMT Lead Coplanarity:

(0,15 mm) .006" max

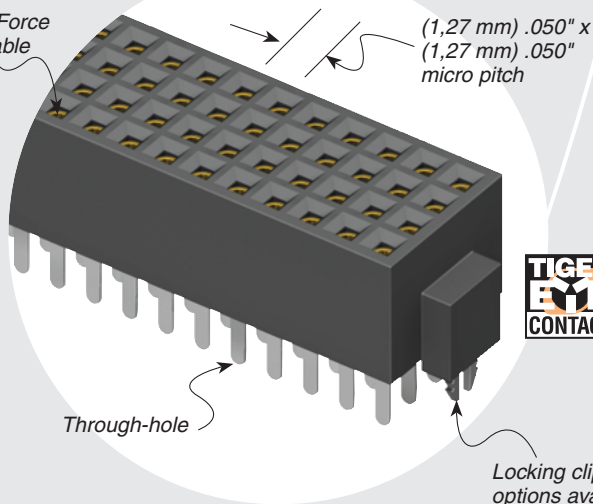
Mates with:
MOLC

ALSO AVAILABLE (MOQ Required)

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

Low Insertion Force
contacts available

High reliability
Tiger Eye™
contacts



(1,27 mm) .050" x
(1,27 mm) .050"
micro pitch



Through-hole

Locking clip
options available

FOLC

1

NO. PINS
PER ROWLEAD
STYLEPLATING
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

= 10µ" (0,25 µm)
Gold on contact,
Matte Tin on tail

-LC
= Locking
Clip
(Manual
placement
required)

RECOGNITIONS

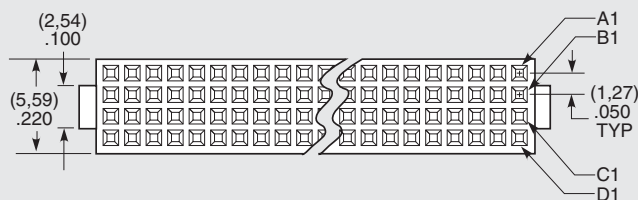
For complete scope of
recognitions see
www.samtec.com/quality



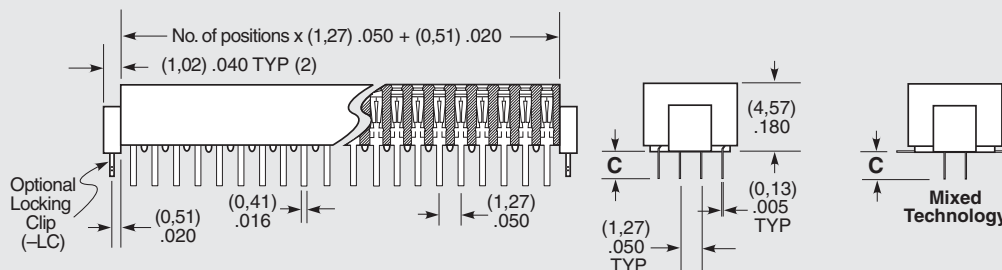
FILE NO. E111594

OTHER SOLUTIONS

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



LEAD STYLE	C
-01, -M1	(1,91) .075
-04, -M2	(3,04) .120



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