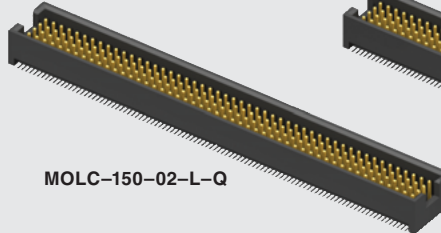
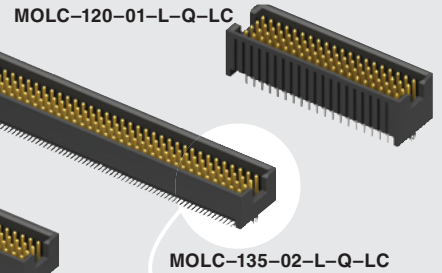




(1,27 mm) .050"



MOLC-135-02-L-Q-LC

MOLC SERIES

QUAD ROW TERMINAL STRIP

SPECIFICATIONS

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

Insulator Material: Black Liquid Crystal Polymer
Terminal Material: Phosphor Bronze

Plating: Au or Sn over 50µ" (1,27 µm) Ni

Current Rating: 2.6 A per pin
 (1 pin powered per row)

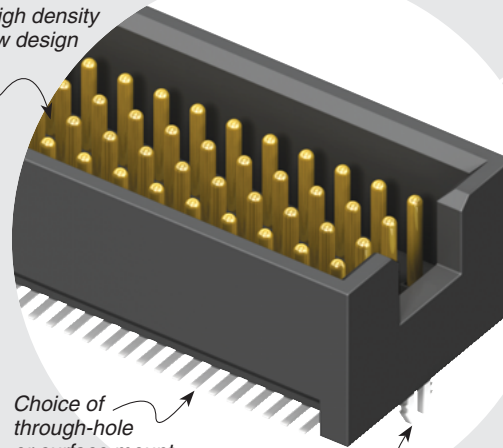
Operating Temp Range: -55°C to +125°C

RoHS Compliant: Yes

Processing: Lead-Free Solderable: Yes
SMT Lead Coplanarity: (0,10 mm) .004" max (20-25)
 (0,15 mm) .006" max (30-50)

Mates with: FOLC

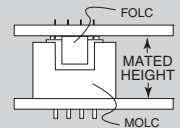
Ultra-high density four row design



Choice of through-hole or surface mount

Locking clip option

APPLICATIONS



LEAD STYLE	MATED HEIGHT*
MOLC -01	(5,97) .235
-11	(7,75) .305
-31	(11,43) .450

*Processing conditions will affect mated height.

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)

ALSO AVAILABLE (MOQ Required)

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

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

MOLC

1

NO. PINS PER ROW

LEAD STYLE

PLATING OPTION

Q

OPTION

20, 25, 30, 35, 40, 45, 50
(Standard sizes)

-X'1
= Through-hole (Specify from chart)

-02
= Surface Mount

-M1
= Mixed Technology

-L
= 10µ" (0,25 µm) Gold on post, Matte Tin on tail

-LC
= Locking Clip (Manual placement required)

-P
= Pick & Place Pad (-02 only)

-TR
= Tape & Reel (-02 only)

MIXED TECHNOLOGY

(5,59) .220
(3,38) .133

No. of positions x (1,27) .050 + (2,54) .100
 No. of positions x (1,27) .050 + (0,76) .030

(3,05) .120
(1,40) .055
(6,35) .250
(1,42) .056

(1,27) .050 TYP
(0,46) .018 DIA TYP
(1,27) .050 TYP

(8,13) .320
(2,59) .102
(0,25) .010
(1,90) .075

THROUGH-HOLE

(0,64) .025
(0,25) .010 TYP
Through-Hole = No. of positions x (1,27) .050 + (1,65) .065
 Surface Mount = No. of positions x (1,27) .050 + (1,52) .060

SURFACE MOUNT

(8,26) .325
(2,59) .102
(3,30) .130

-LC OPTION

SURFACE MOUNT

(1,40) .055
(1,42) .056