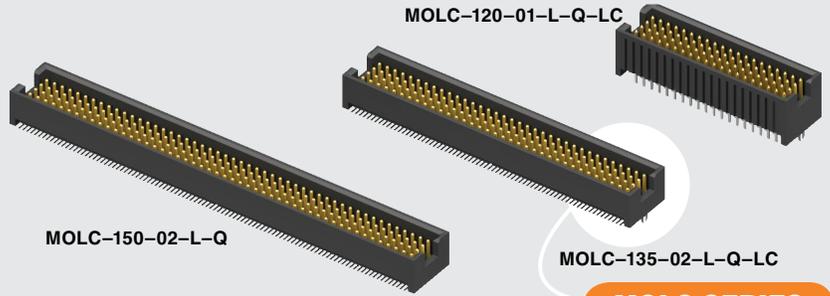




(1.27 mm) .050"

MOLC-120-01-L-Q-LC



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
50 μ" (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)

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)

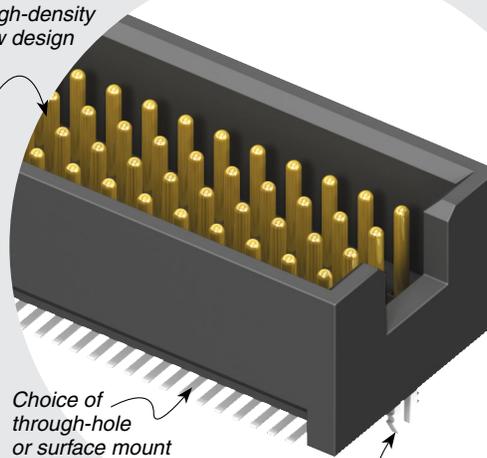
ALSO AVAILABLE (MOQ Required)

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

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

Mates with:
FOLC

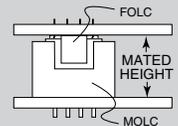
Ultra high-density
four row design



Choice of
through-hole
or surface mount

Locking clip option

APPLICATIONS



LEAD STYLE	MATED HEIGHT*
MOLC -01	(5.97) .235
-11 -01	(7.75) .305
-31	(11.43) .450

*Processing conditions will affect mated height.

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

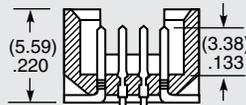
-M1
= Mixed Technology

-L
= 10 μ" (0.25 μm)
Gold on post,
Matte Tin on tail

-LC
= Locking
Clip
(Manual
placement
required)

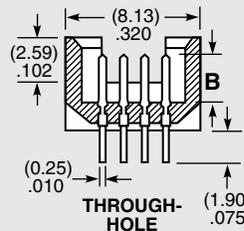
-P
= Pick &
Place Pad
(-02 only)

-TR
= Tape &
Reel
(-02 only)

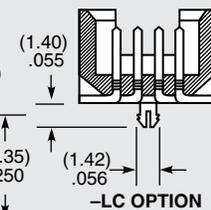
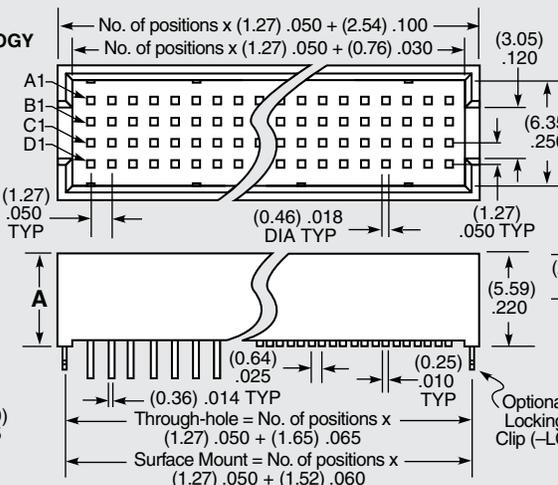


MIXED
TECHNOLOGY

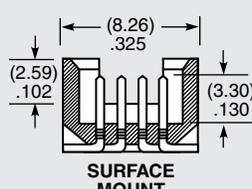
LEAD STYLE	A	B
-01	(5.59) .220	(3.38) .133
-11	(7.34) .289	(3.66) .144
-31	(11.05) .435	



THROUGH-
HOLE



-LC OPTION



SURFACE
MOUNT