Through
T/H
HoleSMT
Page 65

.050" x .050" HEADERS MOLC SERIES

SPECIFICATIONS

Materials:

Insulator Material:

Black Liquid

Crystal Polymer

Terminal Material:

Phosphor Bronze

Current Rating:

1A @ 80°C ambient

Operating Temp Range:

-65°C to +125°C

Max Processing Temp:

230°C for 60 seconds

Plating:

Au, PdNi or Sn over

50µ" (1,27µm) Ni

Mates with:
FOLC

APPLICATIONS

LEAD STYLE	MATED HEIGHT
MOLC FOLC	
-01	(5,97) .235
-11	(7,75) .305
-31	(11,43) .450
-02	(6,35) .250

Through-hole

APPLICATION SPECIFIC OPTION

Alignment pins available.
Call Samtec.

Ultra high density
four row designImpedance matched for
high speed applications.050" x .050"
(1,27mm x 1,27mm)
micro pitch

Locking clip option

4
ROW

MOLC

1

NO. PINS
PER ROWLEAD
STYLEPLATING
OPTION

Q

OPTION

20, 25, 30, 35,
40, 45, 50
(Call Samtec for other sizes)

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

-M1
= Mixed
Technology

-S
= 30µ" (0,76µm) Gold post,
100µ" (2,54µm) Tin tail

-P
= Gold flash over
30µ" (0,76µm) PdNi post,
100µ" (2,54µm) Tin tail
(Through-hole only)

-LC
= Locking
Clip

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

Processing:

Max Processing Temp:

230°C for 60 seconds

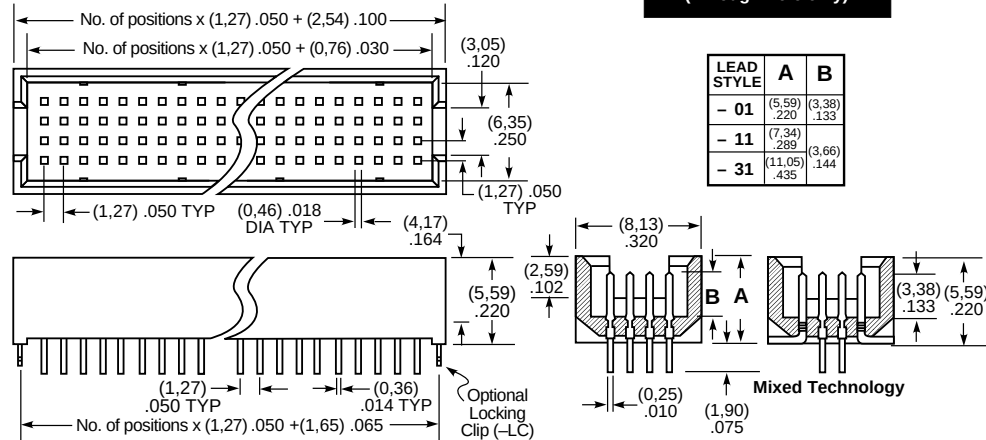
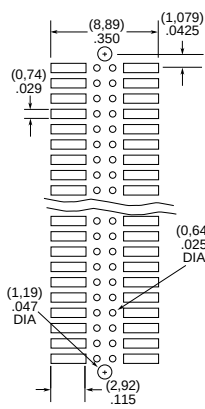
SMT Lead Coplanarity:

20-25 = (0,10mm) .004" max

30-50 = (0,15mm) .006" max

Suggested PCB Layouts:

Your specific layout may vary



LEAD STYLE	A	B
- 01	(5,97) .220	(3,38) .133
- 11	(7,34) .289	(3,66) .144
- 31	(11,05) .435	