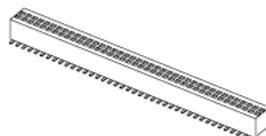
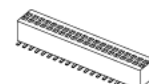
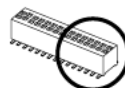


samtec



MLE-140-01-G-DV

MLE-115-01-G-DV



MLE-120-01-G-DV

Surface
SMT
Mount

1mm STANDARD SOCKET MLE SERIES

SPECIFICATIONS

For complete specifications see www.samtec.com?MLE

Insulator Material:

Black Liquid Crystal Polymer

Contact Material:

BeCu

Operating Temp Range:

-55°C to +125°C

Plating:

Au over 10µ" (0,25µm) Ni

Insertion Depth:

(1,63mm) .064" to (3,18mm) .125" with (0,38mm) .015" wipe, pass-through, or (2,44mm) .096" minimum for bottom entry

Insertion Force:

(Single contact only) 2,70oz (0,75N) average

Withdrawal Force:

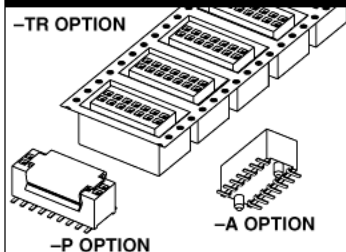
(Single contact only) 0,50oz (0,14N) average

(Single contact only) 0,50oz (0,14N) average

Mates with:
FTM, FTMH,
MW



OPTIONS



Tiger Beam contact

Ideal for pass-through applications

Surface Mount

(1,00mm) .03937" micro pitch

Available with optional pick-and-place pads

COST SAVING SOLUTIONS
FLEX MOLD

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

Processing:

Max Processing Temp:

230°C for 60 seconds, or

260°C for 20 seconds 3x

Lead-Free Solderable:

Yes

SMT Lead Coplanarity:

(0,10mm) .004" max (02-26)

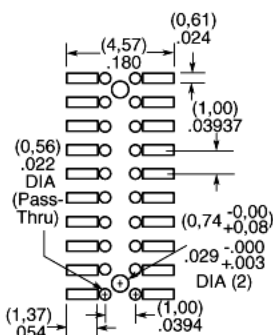
(0,15mm) .006" max (27-50)

Suggested Paste Thickness:

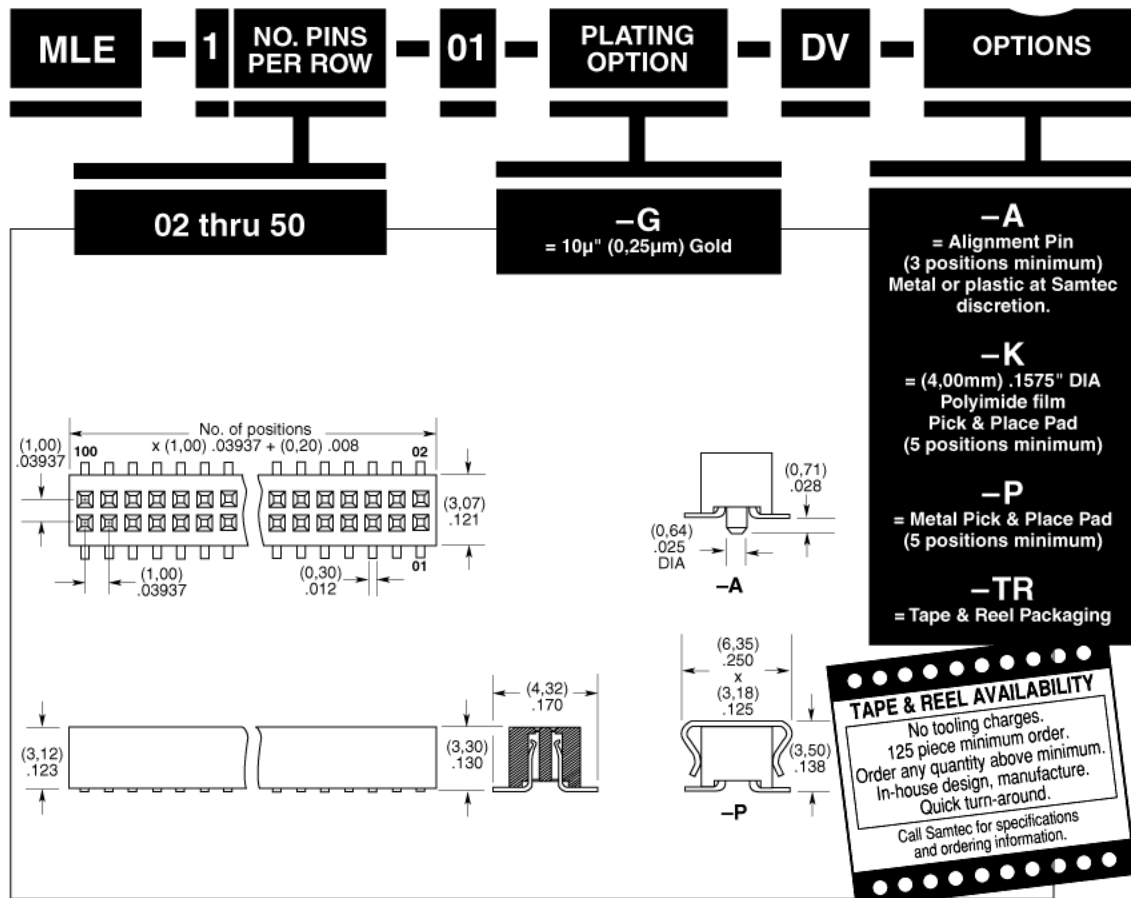
For most applications add (0,05mm) .002" to max SMT lead coplanarity

Suggested PCB Layouts:

For reference only. Please contact Samtec or go to www.samtec.com?MLE for recommended PCB layout.



Board fixturing may be required to assure proper alignment for pass-through applications.



TAPE & REEL AVAILABILITY

No tooling charges.
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Order any quantity above minimum.
In-house design, manufacture.
Quick turn-around.
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