

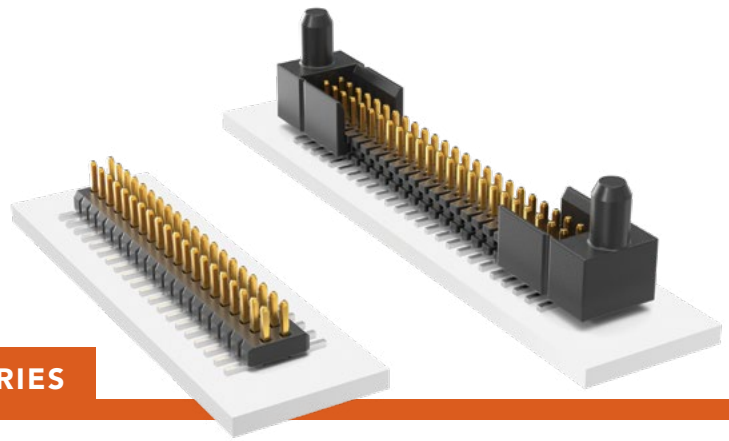


**THE DATASHEET OF
FTM-123-02-L-DV-S**



SMT MICRO TERMINAL STRIPS

(1.00 mm) .0394" PITCH • FTMH/FTM SERIES



FTMH
Mates:
CLM, MLE

FTM
Mates:
CLM, MLE

| FTMH | 1 | NO. PINS PER ROW | LEAD STYLE | PLATING OPTION | ROW OPTION | FLEX SHROUD OPTION | OTHER OPTION |
|------|---|------------------|------------|----------------|------------|--------------------|--------------|
|------|---|------------------|------------|----------------|------------|--------------------|--------------|

05
thru
50

-02
= (1.91 mm)
.075" Post
(Mates with MLE)

-F
= Gold flash
on post,
Matte Tin
on tail

-DV
= Dual
Vertical

(-DV only with
9 pins/row
minimum)

-A
= Alignment Pin
(3 positions min.)
Metal or plastic at
Samtec's discretion
(-DV only)

-ES
= End Shroud

-EC
= End Shroud
with Locking Clip
(Manual placement
required)

-K
= (2.50 mm)
.098" DIA
Polyimide Film
Pick & Place Pad
(-DH only)

-EP
= End Shroud
with Guide Post
(Use only when
mating with CLM)

-P
= Plastic Pick
& Place Pad
(6 positions min.)
(-DV only)

-TR
= Tape & Reel

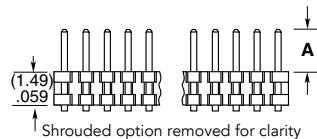
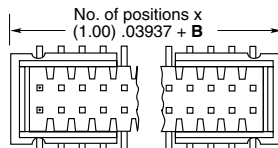
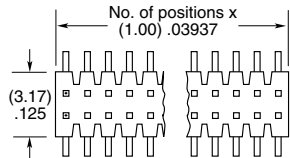
-FR
= Full Reel
Tape & Reel
(must order max.
quantity per reel;
contact Samtec for
quantity breaks)

SPECIFICATIONS

Insulator Material:
Black Liquid Crystal
Polymer
Terminal Material:
Phosphor Bronze
Plating:
Sn or Au over
50 μm (1.27 μm) Ni
Current Rating (FTMH/CLM):
3.1 A per pin
(2 pins powered)
Operating Temp Range:
-55 °C to +125 °C
Voltage Rating:
FTMH: 270 VAC

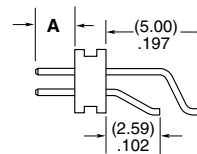
PROCESSING

Lead-Free Solderable:
Yes
SMT Lead Coplanarity:
-DV: (0.10 mm) .004" max
-DH: (0.10 mm) .004" max (05-25)
(0.15 mm) .006" max (26-50)*
*(.004" stencil solution
may be available; contact
ipg@samtec.com)



| OPTION | B |
|--------|-------------|
| -ES | (1.57) .062 |
| -EC | (4.06) .160 |
| -EP | (5.49) .216 |

-DV OPTION



-DH OPTION

| LEAD STYLE | A |
|------------|-------------|
| -02 | (1.91) .075 |
| -03 | (1.65) .065 |

| FTM | 1 | NO. PINS PER ROW | LEAD STYLE | PLATING OPTION | DV | FLEX SHROUD OPTION | OTHER OPTION |
|-----|---|------------------|------------|----------------|----|--------------------|--------------|
|-----|---|------------------|------------|----------------|----|--------------------|--------------|

02 thru 50
= Unshrouded

-02
= (1.91 mm)
.075" Post
(Mates with MLE)

-F
= Gold flash
on post,
Matte Tin
on tail

-S
= End Shroud
(05 positions
minimum).
Molded or
press-fit shroud
at Samtec's
discretion

-P
= Plastic Pick
& Place Pad
(7 positions min.)

-TR
= Tape & Reel

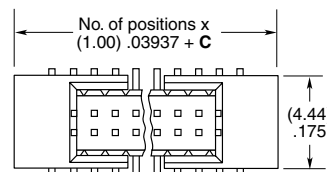
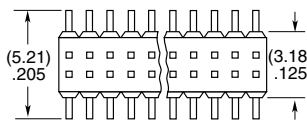
-FR
= Full Reel
Tape & Reel
(must order max.
quantity per reel;
contact Samtec for
quantity breaks)

05 thru 46
= Shrouded

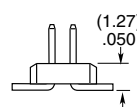
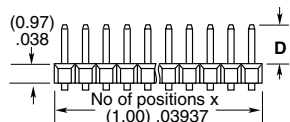
-03
= (1.65 mm)
.065" Post
(Mates with CLM)

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

-SA
= End Shroud with
Alignment Pins
(05 through 46
positions)



| OPTION | C |
|--------|-------------|
| -S | (4.00) .157 |
| -SA | (7.00) .276 |



| LEAD STYLE | D |
|------------|-------------|
| -02 | (1.91) .075 |
| -03 | (1.65) .065 |

Shrouded options removed for clarity

ALSO AVAILABLE

MOQ Required


End shrouds with board locks
Molded end shrouds for
05 through 08 positions
Other platings



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

Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

 [View FTM-123-02-L-DV-S on WIN SOURCE](#)

 [Samtec Inc. Information](#)

Optimize Your Supply Chain with WIN SOURCE Solutions

-  Global Sourcing Solution
-  Obsolete Management
-  Cost Control Management
-  Shortage Management
-  Alternative Solution
-  Excess Inventory Management