

Samtec



Surface
SMT
Mount

T/H
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.050" X .050" HEADERS TFM SERIES

SPECIFICATIONS

Materials:

Insulator Material:
Black Liquid Crystal Polymer
Terminal Material:
Phosphor Bronze
Current Rating:
2A @ 80°C ambient
Operating Temp Range:
-65°C to +125°C
Plating:
Au over 50µ" (1,27µm) Ni

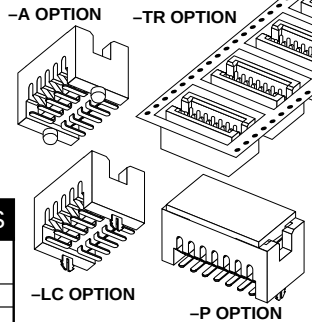


APPLICATIONS

LEAD STYLE	MATED HEIGHT
TFM	SFM
- 02	(6,35) .250
- 12	(8,13) .320
- 22	(9,91) .390
- 32	(11,81) .465

Mates with:
SFM, SFMC

OPTIONS



Shrouded body for blind mating



TFM

TFM

(1,27mm x 1,27mm)
.050" x .050"
micro pitch

Choice of four
body heights

Surface
Mount

Alignment pin or
locking clip options
available

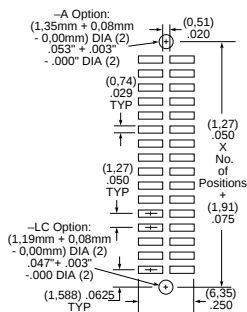
COST SAVING SOLUTIONS
FLEX
MOLD

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

TFM - 1 NO. PINS PER ROW - LEAD STYLE - PLATING OPTION - D - OPTION

Processing:

Max Processing Temp:
230°C for 60 seconds
SMT Lead Coplanarity:
05-25 = (0,10mm) .004" max
30-50 = (0,15mm) .006" max
Suggested PCB Layouts:
Your specific layout may vary



05, 10, 15, 20, 25,
30, 35, 40, 45, 50
(Call Samtec for other sizes)

Specify
LEAD
STYLE
from
chart

-S
= 30µ" (0,76µm) Gold post,
150µ" (3,81µm) Tin tail

LEAD STYLE	A	B
-02	(5,72) .225	(3,38) .133
-12	(7,49) .295	
-22	(9,27) .365	(3,30) .130
-32	(11,18) .440	

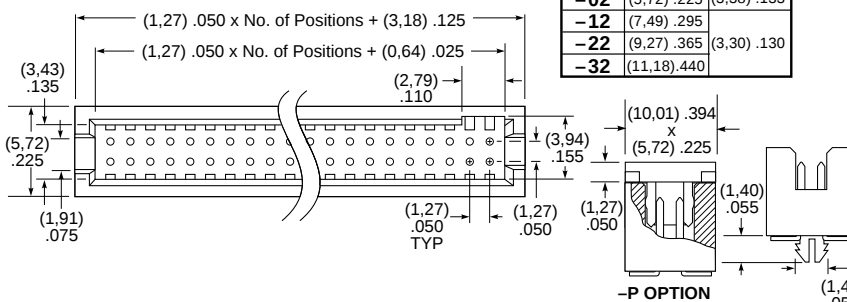
-A
= Alignment Pin
Metal or plastic at
Samtec discretion.
(N/A with -LC)

-LC
= Locking Clip
(N/A with -A)

-K
(Best Cost Option)
= (4,00mm) .157" DIA
Polyamide Film
Pick & Place Pad

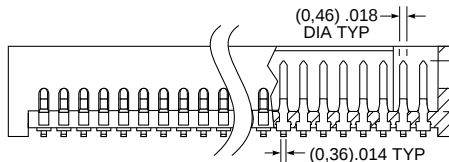
-P
= Plastic Pick &
Place Pad

-TR
= Tape & Reel



-P OPTION

-LC OPTION



TAPE & REEL AVAILABILITY

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

Call Samtec for specifications
and ordering information.