

(1,27mm x 1,27mm)

.050" x .050"



1,27mm TIGER EYE" HEADER TEM

Shrouded body for

blind mating

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?TFM or www.samtec.com?TFML

Insulator Material: Black Liquid Crystal Polymer Terminal Material: Phosphor Bronze Plating: Au over 50μ" (1,27μm) Ni

Current Rating: 2A @ 80°C ambient Voltage Rating: 350 VAC mated with SFM Operating Temp Range: -55°C to +125°C **RoHS Compliant:** Yes

Processing:

Max Processing Temp: 230°C for 60 seconds, or 260°C for 20 seconds 3x Lead-Free Solderable:

SMT Lead Coplanarity: (0,10mm) .004" max (05-25) (0,15mm) .006" max (30-50)

APPLICATION SPECIFIC OPTION

TFML solder nail option available. Call Samtec.

LEAD STYLE

-02

-12*

-22*

-32*

* N/A WITH 07 OR -S

Α

TFM Mates with: SFM, SFMC, SFSD

TFML Mates with:

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

(11,81) .465

COST-SAVING APPLICATIONS Surface Mount

micro pitch Locking feature increases unmating force (TFML) of four body heights RUGGEDIZED SAMTEC Alignment pin or locking clip options available

See TFC Series for lower cost plating options

NO. PINS LEAD **PLATING ROW** TYPE **STRIP** PER ROW STYLE **OPTION**

OPTION

OPTION

–А

= Alignment Pin

(N/A with -LC or

07 positions)

–LC

TFM = Standard TFML = Locking

(Lead style

-02 only)

05, 07, 10, 15, 20 25, 30, 35, 40, 45, 50 (Call Samtec for other sizes)

(1,27) .050 x No. of Positions + (3,18) .125 -

Specify LEAD STYLE from chart

(1.27)

= 10μ" (0,25μm) Gold on post, Matte Tin on tail

·S = 30µ" (0,76µm) Gold on post, Matte Tin on tail

(10,01) .394

-S = Single Row

−D = Double Row

(1,42)

.Ó56

(1,40) .055

-LC

= Locking Clip (N/A with -A)

= (5,50mm) .216" DIA Polyimide Film Pick & Place Pad

= Plastic Pick & Place Pad

–TR

= Tape & Reel -WT

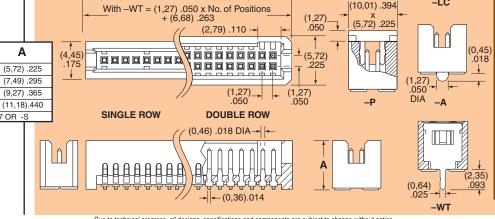
= Weld Tabs

-02 lead style & 05 thru 30 positions only (N/A with -A, -LC, 07 positions or TFML Series) Mates to SFSS/SFSD -SR & -DR option

Note: Other Gold plating options available. Contact Samtec.

Note:

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



Due to technical progress, all designs, specifications and components are subject to change without notice.