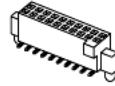
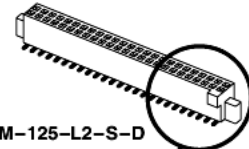




SFM-110-02-S-D-A



SFM-125-L2-S-D



Surface
SMT
Mount

T/H
Page 134

.050" x .050" SOCKETS SFM SERIES

SPECIFICATIONS

For complete specifications see www.samtec.com?SFM

Insulator Material:

Black Liquid Crystal Polymer



Contact Material:

Tiger Eye= BeCu

Tiger Eye LITE= Phosphor Bronze



Current Rating:

2A @ 80°C ambient

Voltage Rating:

350 VAC mated with TFM

Operating Temp Range:

-65°C to +125°C

Plating:

Au over 50µ" (1,27µm) Ni

Contact Resistance:

15 m max

Insertion Depth:

.120" (3,05mm) to

.160" (4,06mm)

Insertion Force:

(Single contact only)

Standard= 2.5oz (0,69N) avg;

LITE= 2.0oz (0,56N) avg.

LIF= 1.5oz (0,42N) avg.

Normal Force:

Standard= 132g (1,29N) avg;

LIF= 90g (0,88N) avg.

Withdrawal Force:

(Single contact only)

Standard= 2.0oz (0,56N) avg;

LITE= 1.5oz (0,42N) avg.

LIF= 1.5oz (0,42N) avg.

Max Cycles:

Tiger Eye= 100 with 10µ"

(0,25µm) Au

Mates with:

TFM, FTS (LIF), FW (LIF),

FTSH (LIF)



APPLICATIONS



Lower cost Phosphor Bronze contact for applications where Beryllium Copper is not needed.

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

High reliability
Tiger-Eye contacts

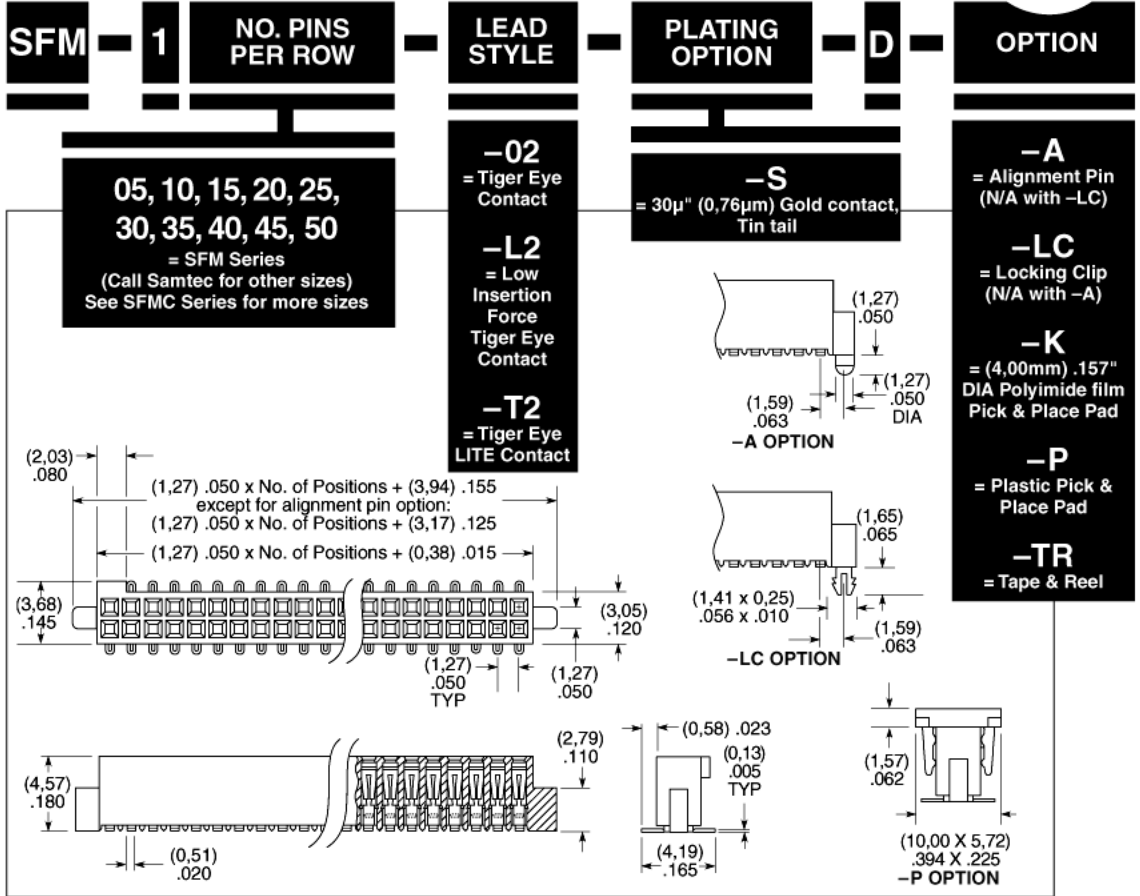
Available with optional
pick-and-place pads

Slotted SMT tails

Choice of alignment pin
or locking clip options

APPLICATION SPECIFIC OPTION

Single row available.
Call Samtec.



Processing:

Max Processing Temp:

230°C for 60 seconds

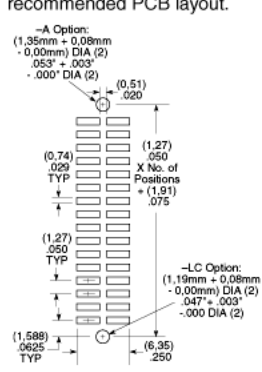
SMT Lead Coplanarity:

.004" (0,10mm) max (05-25)

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

Suggested PCB Layouts:

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



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

WWW.SAMTEC.COM