





## SFM, SFML SERIES

High-reliability  
Tiger Eye™  
contacts

(1.27 mm x 1.27 mm)  
.050" x .050" micro pitch

Mates with TFM  
for coplanar and  
perpendicular mating

Surface mount or  
Through-hole tails

Screw down  
option

### OTHER SOLUTIONS

- Lower cost plating options.  
See SFC Series.

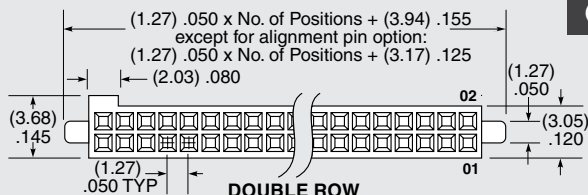
### ALSO AVAILABLE (MOQ Required)

- Solder nail option
- Other sizes
- Other platings

### PLATING OPTION

**-L**  
= 10 μ" (0.25 μm) Gold on contact, Matte Tin on tail  
(Call Samtec for E.L.P.™ plating option)

| LEAD STYLE    | A                       | B |
|---------------|-------------------------|---|
| -01, -L1, -T1 | (3.05) .120 (0.51) .020 |   |
| -03, -L3      | (1.91) .075 (0.41) .016 |   |



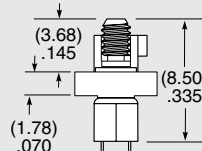
### ROW OPTION

**-S**  
= Single Row  
(SFM only)

**-D**  
= Double Row

**-SH**  
= Single Horizontal  
(05 thru 30 positions only)  
(SFM only)  
(Lead style -02 only)

**-DH**  
= Double Horizontal  
(05 thru 30 positions only)  
(SFM only)  
(Lead style -02 only)



**-DS**  
(-D, -01 -02 & -03)

### OPTION

Specify only -A, -LC or -DS  
(Not available with -DH, -SH)  
**-A**  
= Alignment Pin  
(Available with all lead styles)

**-LC**  
= Locking Clip  
(Available with all lead styles)  
(Manual placement required)

**-DS**  
= Dual Screw Down for  
(1.60 mm) .062" PCB  
(05 thru 40 positions only)  
(Lead styles -01, -02 & -03 only)  
(Requires -D row option)  
(Not available with SFML)  
(Mates with TFM-DS option)  
(Not available with -A,  
-LC, -K, -P, -TR)

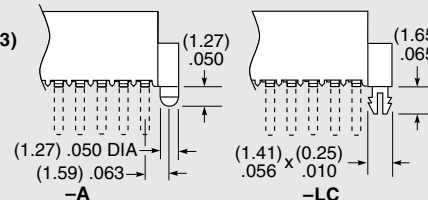
Specify only  
-K or -P  
(Lead styles -02,  
-L2, -T2 only)

**-K**  
= Polyimide film  
Pick & Place Pad  
(Not available  
with -DH, -SH)

**-P**  
= Plastic Pick &  
Place Pad  
(Not available  
with -DH, -SH)

Specify -TR last  
(Lead styles -02,  
-L2, -T2 only)

**-TR**  
= Tape & Reel  
(Required callout  
for -DH, -SH)



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

[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)

All parts within this catalog are built to Samtec's specifications.  
Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.