

(1,27 mm) .050"

TMS, HTMS, SNM SERIES

HTMS-110-03-L-D-RA

HTMS-107-01-G-S

TMS-132-51-G-S

TMS-110-02-G-D

# THROUGH-HOLE MICRO HEADER

## SPECIFICATIONS

For complete specifications see [www.samtec.com?TMS](http://www.samtec.com?TMS) or [www.samtec.com?HTMS](http://www.samtec.com?HTMS)

### Insulator Material:

Black Liquid Crystal Polymer

### Terminal Material:

Phosphor Bronze

### Plating:

Au or Sn over

50µ" (1,27 µm) Ni

### Current Rating:

1A per contact

### Operating Temp Range:

-55°C to +105°C with Tin;

-55°C to +125°C with Gold

### RoHS Compliant:

Yes

### Important Note:

Style -02 does not mate with SMS Series.

## SNM

For complete specifications see [www.samtec.com?SNM](http://www.samtec.com?SNM)

Same as HTMS except:

### Insulator Material:

Black Glass Filled Polyester

### Contact Resistance:

10 mΩ

### Lead Size accepted:

(0,46 mm) .018" SQ

### Insertion Depth:

(3,43 mm) .135" minimum

### Max Processing Temp:

Not recommended for IR/VP

### Processing:

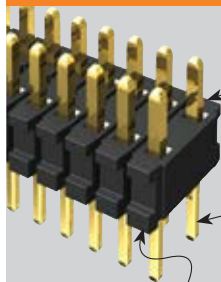
Lead-Free Solderable:

Yes

Mates with:

SMS, SLM, RSM

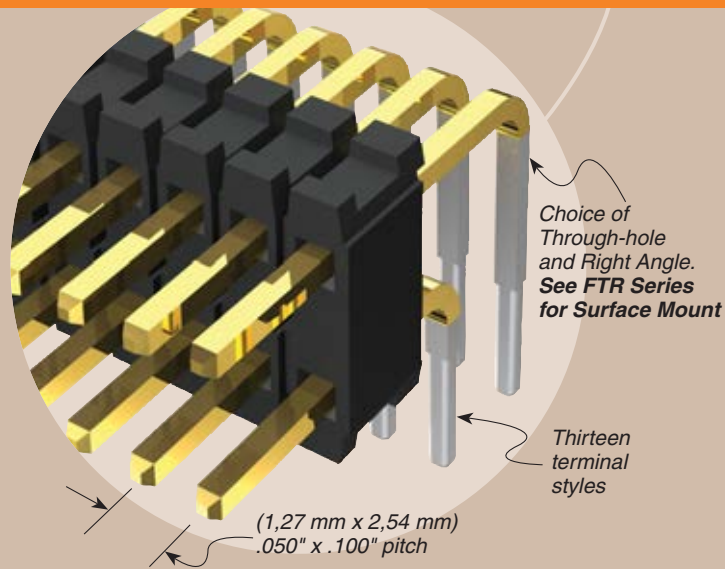
## ALSO AVAILABLE



Standard or high temp body

Position anywhere in the body with (3,05 mm) .120" minimum tail

For variable post micro terminal strips see [www.samtec.com?MTMS](http://www.samtec.com?MTMS) or [www.samtec.com?HMTMS](http://www.samtec.com?HMTMS)



Choice of Through-hole and Right Angle. See FTR Series for Surface Mount

Thirteen terminal styles

(1,27 mm x 2,54 mm) .050" x .100" pitch

TYPE STRIP

1

NO. PINS PER ROW

LEAD STYLE

PLATING OPTION

ROW OPTION

OPTION

TMS  
= Standard  
HTMS  
= High Temp

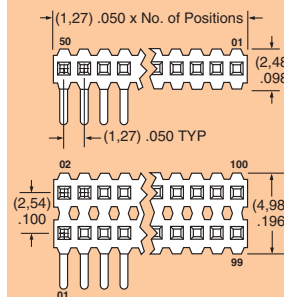
01  
thru  
50

Specify  
LEAD  
STYLE  
from  
chart

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

-S  
= Single  
Row  
  
-D  
= Double  
Row

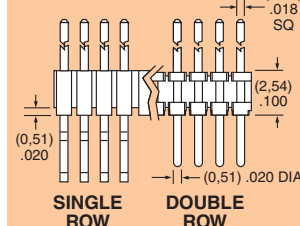
-RA  
= Right  
Angle  
  
-"XXX"  
= Polarized  
Position  
(Specify  
position of  
omitted pin)



| T/H LEAD STYLE | A            | B            | C           |
|----------------|--------------|--------------|-------------|
| -01            | (11,43) .450 | (5,84) .230  | (3,05) .120 |
| -02            | (8,13) .320  | (2,54) .100  |             |
| -21            | (12,83) .505 | (5,84) .230  | (4,45) .175 |
| -51            | (10,41) .410 | (4,83) .190  |             |
| -52            | (10,80) .425 | (5,21) .205  |             |
| -53            | (12,83) .505 | (7,24) .285  |             |
| -54            | (14,10) .555 | (8,51) .335  |             |
| -55            | (15,49) .610 | (9,91) .390  |             |
| -56            | (15,88) .625 | (10,29) .405 |             |
| -57            | (16,51) .650 | (10,92) .430 |             |
| -58            | (17,91) .705 | (12,32) .485 |             |
| -59            | (19,18) .755 | (13,59) .535 |             |
| -60            | (20,96) .825 | (15,37) .605 |             |

Note: Other Gold plating options available. Contact Samtec.

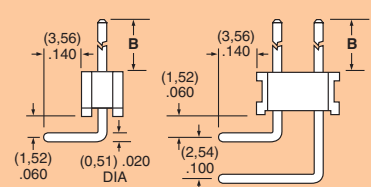
| RA LEAD STYLE | B           |
|---------------|-------------|
| -01           | (5,84) .230 |
| -02           | (2,54) .100 |
| -03           | (3,18) .125 |



SINGLE ROW

DOUBLE ROW

HTMS  
-D  
Body Design



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

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

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