

HTMS-110-03-L-D-RA

HTMS-107-01-G-S

TMS-132-51-G-S

TMS-110-02-G-D

(1,27 mm) .050"

TMS, HTMS, SNM SERIES

# 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 (TMS/SMS):

5 A per pin

(1 pin powered per row)

### 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

## RECOGNITIONS

For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



## ALSO AVAILABLE (MOQ Required)

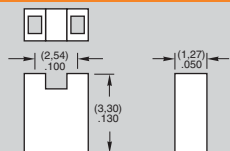
- Other platings
- Contact Samtec.

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

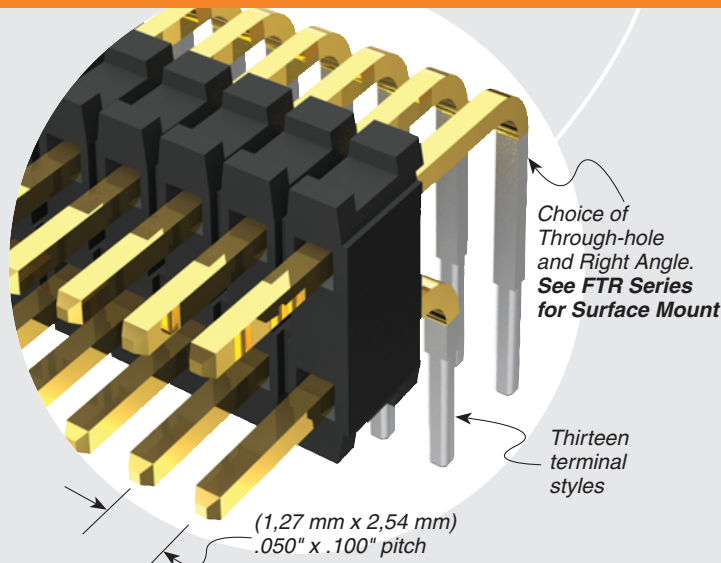
Mates with:

SMS, SLM, RSM

## MICRO SHUNT SNM SERIES



| Part No.     | Plating             |
|--------------|---------------------|
| SNM-100-BK-T | Tin                 |
| SNM-100-BK-G | 10µ" (0,25 µm) Gold |



## TYPE STRIP

1

## NO. PINS PER ROW

01 thru 50

## LEAD STYLE

Specify LEAD STYLE from chart

## PLATING OPTION

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

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

## ROW OPTION

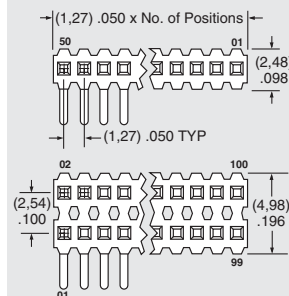
-S = Single Row

-D = Double Row

## OPTION

-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 |             |

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

