

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

**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)



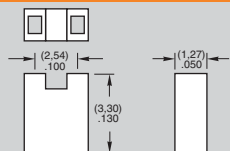
## ALSO AVAILABLE (MOQ Required)

- Other platings
- Contact Samtec.

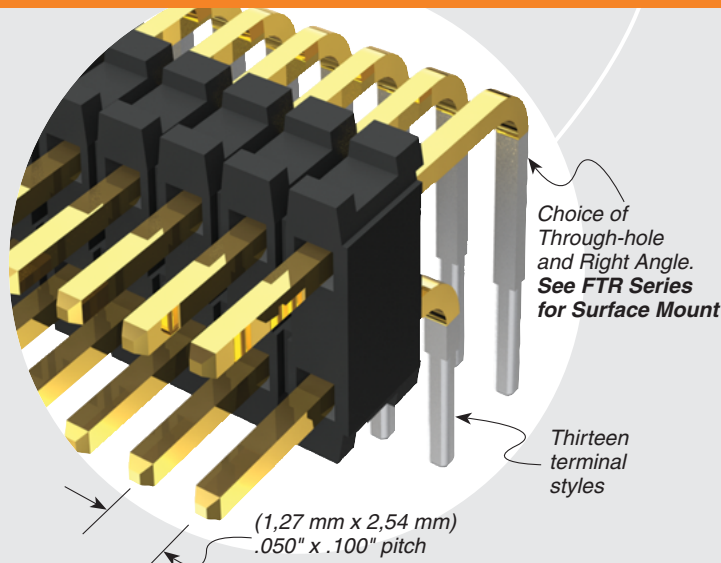
**Note:** Some lengths, styles  
and options are non-standard,  
non-returnable.

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 | LEAD STYLE                    | PLATING OPTION                                             | ROW OPTION         | OPTION                                                           |
|---------------------|---|------------------|-------------------------------|------------------------------------------------------------|--------------------|------------------------------------------------------------------|
| TMS<br>= Standard   |   | 01 thru 50       | Specify LEAD STYLE from chart | -L<br>= 10µ" (0,25 µm)<br>Gold on post, Matte Tin on tail  | -S<br>= Single Row | -RA<br>= Right Angle                                             |
| HTMS<br>= High Temp |   |                  |                               | -G<br>= 10µ" (0,25 µm)<br>Gold on post, Gold flash on tail | -D<br>= Double Row | -“XXX”<br>= 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 |