



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)



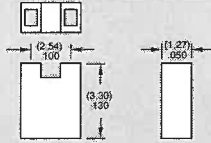
**ALSO AVAILABLE**  
(MOQ Required)

- Other platings
- Contact Samtec.

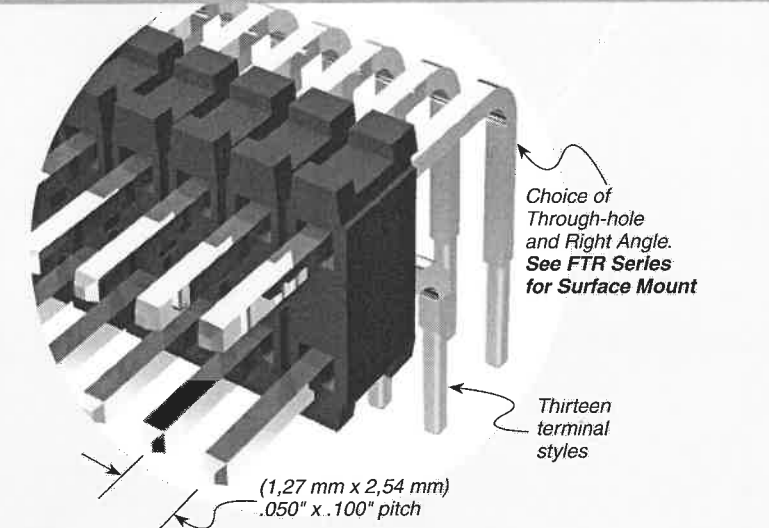
**Note:** Some lengths, styles and options are non-standard, non-returnable.

Mates with: SMS, SLM, RSM

## MICRO SHUNT SNM SERIES



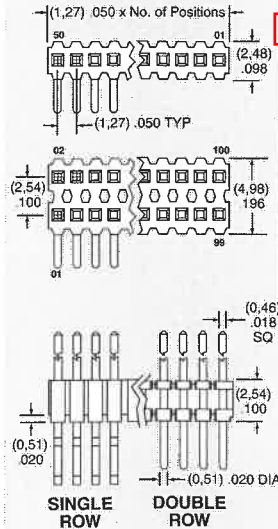
| Part No.     | Plating             |
|--------------|---------------------|
| SNM-100-BK-T | Tin                 |
| SNM-100-BK-G | 10µ" (0,25 µm) Gold |



| TYPE STRIP     | 1                | NO. PINS PER ROW | 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<br>-G = 10µ" (0,25 µm) Gold on post, Gold flash on tail | -S = Single Row<br>-D = Double Row | -RA = Right Angle<br>-“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  | (3,05) .120 |
| -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 |



HTMS -D Body Design