

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), [www.samtec.com?HTMS](http://www.samtec.com?HTMS) or [www.samtec.com?SNM](http://www.samtec.com?SNM)

**Insulator Material (TMS):** Black Liquid Crystal Polymer

**Insulator Material (SNM):** Black Glass Filled Polyester

**Terminal Material:** Phosphor Bronze

**Plating:** Au or Sn over

50 μm (1.27 μm) Ni

**Current Rating:** 5 A per pin

(2 pins powered)

TMS mated with SMS

**Operating Temp Range:** -55 °C to +105 °C with Tin;

-55 °C to +125 °C with Gold

**Lead Size accepted (SNM):** (0.46 mm) .018" SQ

**Insertion Depth (SNM):** (3.43 mm) .135" minimum

**Max Processing Temp (SNM):** Not recommended for IR/VP

**RoHS Compliant:** Yes

**Important Note:** Style -02 does not mate with SMS Series.

## PROCESSING

**Lead-Free Solderable:** Yes

**RECOGNITIONS**

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

FILE NO. E111594

**Also Available (MOQ Required)**

• Other platings

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• Other platings

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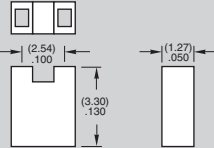
• Other platings

• Other platings

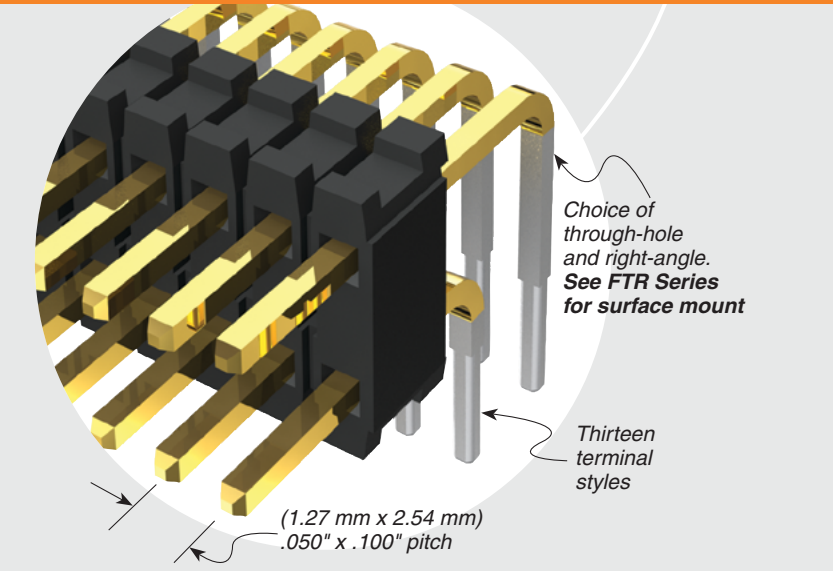
• Other platings

Mates with:  
SMS, SLM, RSM

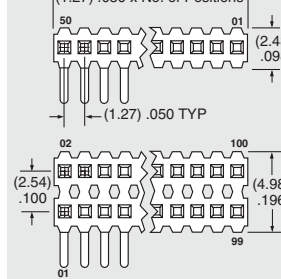
## MICRO SHUNT SNM SERIES



| Part No.     | Plating              |
|--------------|----------------------|
| SNM-100-BK-T | Tin                  |
| SNM-100-BK-G | 10 μm (0.25 μm) Gold |

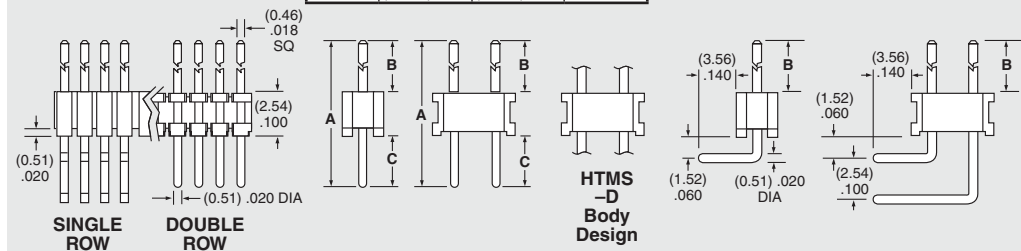


| TYPE STRIP     | 1 | NO. PINS PER ROW | LEAD STYLE                    | PLATING OPTION  | ROW OPTION                         | OPTION   |
|----------------|---|------------------|-------------------------------|---|------------------------------------|--|
| TMS = Standard |   | 01 thru 50       | Specify LEAD STYLE from chart | -L = 10 μm (0.25 μm) Gold on post, Matte Tin on tail<br>-G = 10 μm (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  |             |
| -56            | (15.88) .625 | (10.29) .405 | (3.05) .120 |
| -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 |



**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.

[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.

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