

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  $\mu$ " (1.27  $\mu$ m) 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)



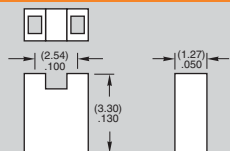
FILE NO. E111594

## ALSO AVAILABLE (MOQ Required)

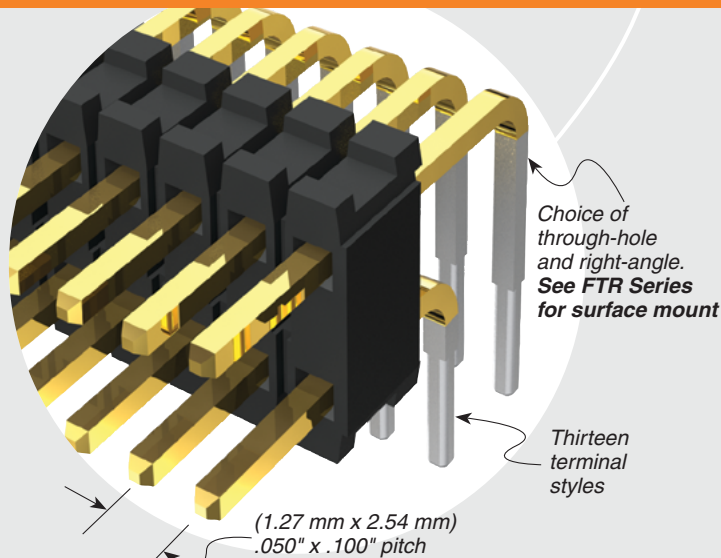
- Other platings

Mates with:  
SMS, SLM, RSM

## MICRO SHUNT SNM SERIES



| Part No.     | Plating                              |
|--------------|--------------------------------------|
| SNM-100-BK-T | Tin                                  |
| SNM-100-BK-G | 10 $\mu$ "<br>(0.25 $\mu$ m)<br>Gold |



Choice of through-hole and right-angle. See FTR Series for surface mount

Thirteen terminal styles

TYPE STRIP

1

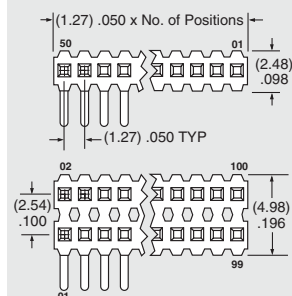
NO. PINS PER ROW

LEAD STYLE

PLATING OPTION

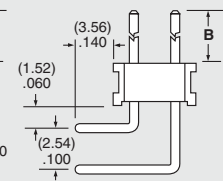
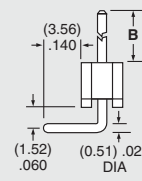
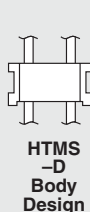
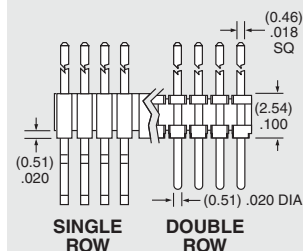
ROW OPTION

OPTION

TMS  
= StandardHTMS  
= High Temp01  
thru  
50Specify  
LEAD  
STYLE  
from  
chart-L  
= 10  $\mu$ "  
(0.25  $\mu$ m)  
Gold on post,  
Matte Tin  
on tail-G  
= 10  $\mu$ "  
(0.25  $\mu$ m)  
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 |             |

| 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.