

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, www.samtec.com?HTMS or 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 μ " (1.27 μ 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



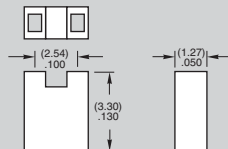
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ALSO AVAILABLE (MOQ Required)

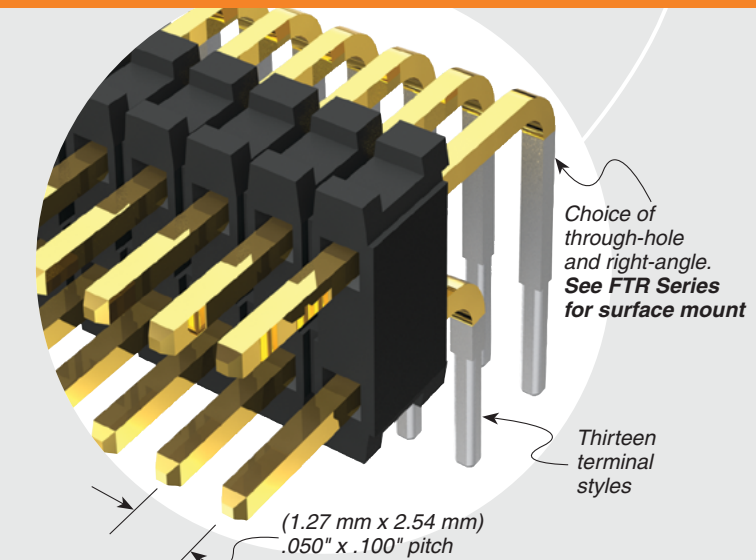
- Other platings

Mates with:
SMS, SLM, RSM

MICRO SHUNT SNM SERIES



Part No.	Plating
SNM-100-BK-T	Tin
SNM-100-BK-G	10 μ " (0.25 μ m) Gold



TYPE STRIP

1

NO. PINS PER ROW

01 thru 50

LEAD STYLE

Specify LEAD STYLE from chart

PLATING OPTION

-L
= 10 μ "
(0.25 μ m)
Gold on post, Matte Tin on tail

-G
= 10 μ "
(0.25 μ m)
Gold on post, Gold flash on tail

ROW OPTION

-S
= Single Row

-D
= Double Row

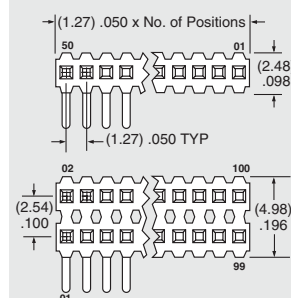
OPTION

-RA
= Right-angle

-“XXX”
= Polarized Position (Specify position of omitted pin)

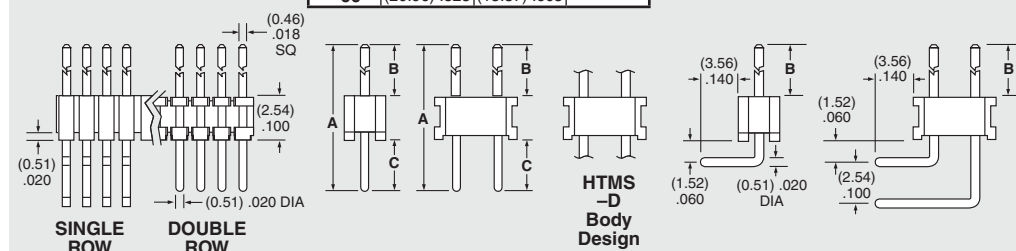
TMS
= Standard

HTMS
= High Temp



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

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.