

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



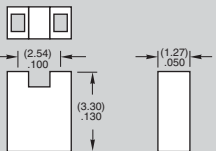
FILE NO. E111594

ALSO AVAILABLE (MOQ Required)

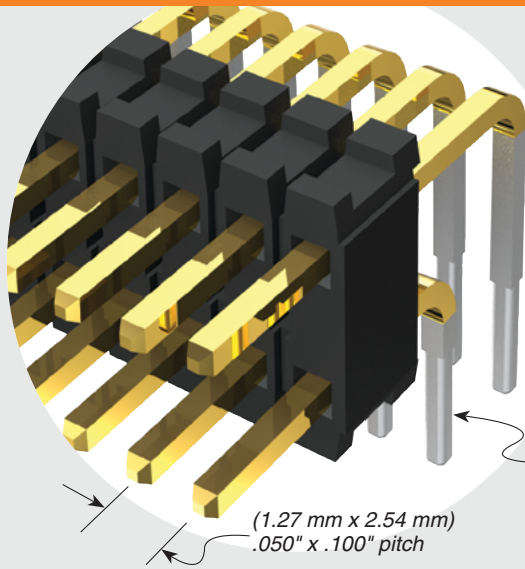
- Other platings

Mates with: SMS, SLM, RSM

MICRO SHUNT SNM SERIES



Part No.	Plating
SNM-100-BK-T	Tin
SNM-100-BK-G	10 μ " (0.25 μ m) 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 = Standard
HTMS = High Temp

01 thru 50

Specify LEAD STYLE from chart

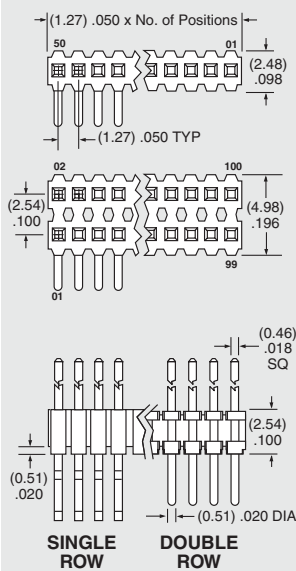
-L = 10 μ " (0.25 μ m) Gold on post, Matte Tin on tail
-G = 10 μ " (0.25 μ m) Gold on post, Gold flash on tail

-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	(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

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.

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