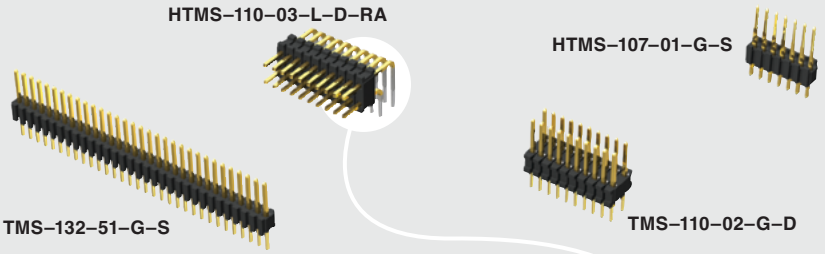
samtec



(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 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

FILE NO. E111594

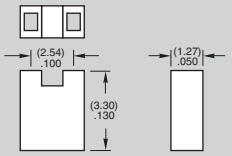
ALSO AVAILABLE
(MOQ Required)

- Other platings

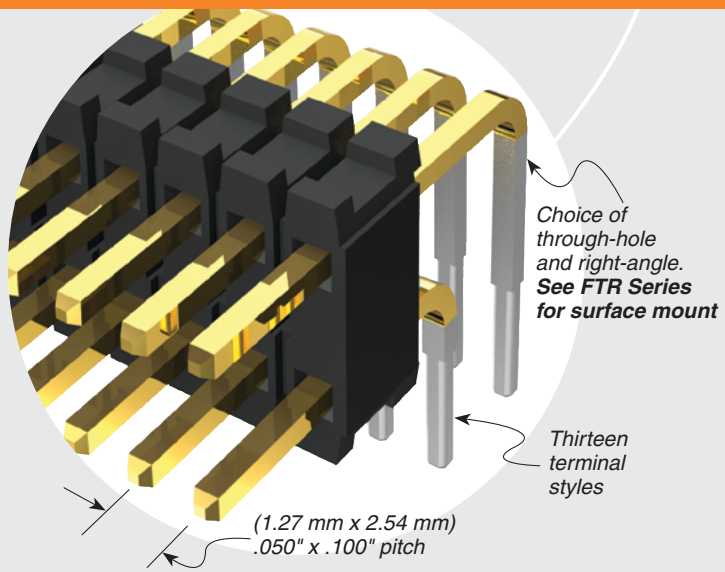
Note: Some lengths, styles and options are non-standard, non-returnable.

Mates with:
SMS, SLM, RSM

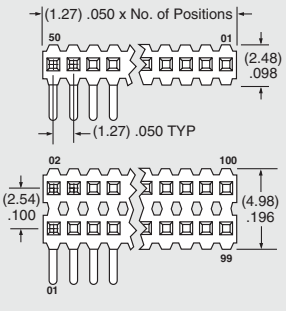
MICRO SHUNT
SNM SERIES



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

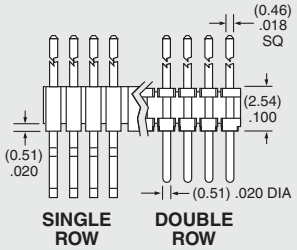


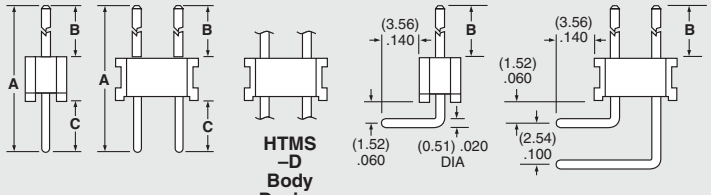
TYPE STRIP	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	OPTION
TMS = Standard HTMS = High Temp		01 thru 50	Specify LEAD STYLE from chart	–L = 10 µ" (0.25 µm) Gold on post, Matte Tin on tail –G = 10 µ" (0.25 µm) Gold on post, Gold flash on tail	–S = Single Row –D = Double Row	–RA = Right-angle –"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	(3.05) .120
–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





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.

Mouser Electronics

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Samtec:
TMS-111-01-T-D-RA