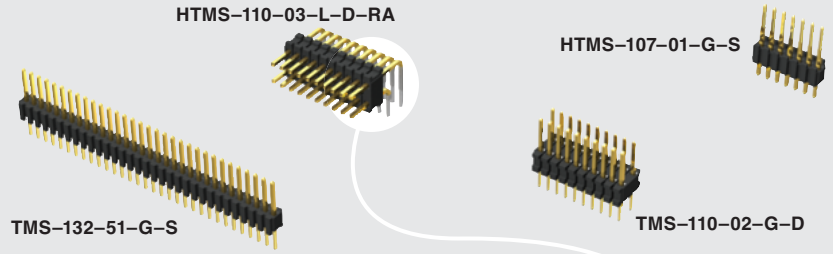
samtec



(1,27 mm) .050"

TMS, HTMS, SNM SERIES

THROUGH-HOLE MICRO HEADER

SPECIFICATIONS

For complete specifications see www.samtec.com?TMS or www.samtec.com?HTMS

Insulator Material:
Black Liquid Crystal Polymer
Terminal Material:
Phosphor Bronze
Plating:
Au or Sn over
50µ" (1,27 µm) Ni
Current Rating (TMS/SMS):
5 A per pin
(1 pin powered per row)
Operating Temp Range:
-55°C to +105°C with Tin;
-55°C to +125°C with Gold
RoHS Compliant:
Yes

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

SNM

For complete specifications see www.samtec.com?SNM

Same as HTMS except:
Insulator Material:
Black Glass Filled Polyester
Contact Resistance:
10 mΩ
Lead Size accepted:
(0,46 mm) .018" SQ
Insertion Depth:
(3,43 mm) .135" minimum
Max Processing Temp:
Not recommended for IR/VP

Processing:

Lead-Free Solderable:
Yes

RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality

FILE NO. E111594

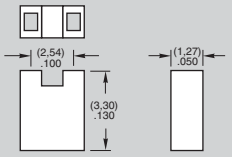
ALSO AVAILABLE
(MOQ Required)

- Other platings
  Contact Samtec.

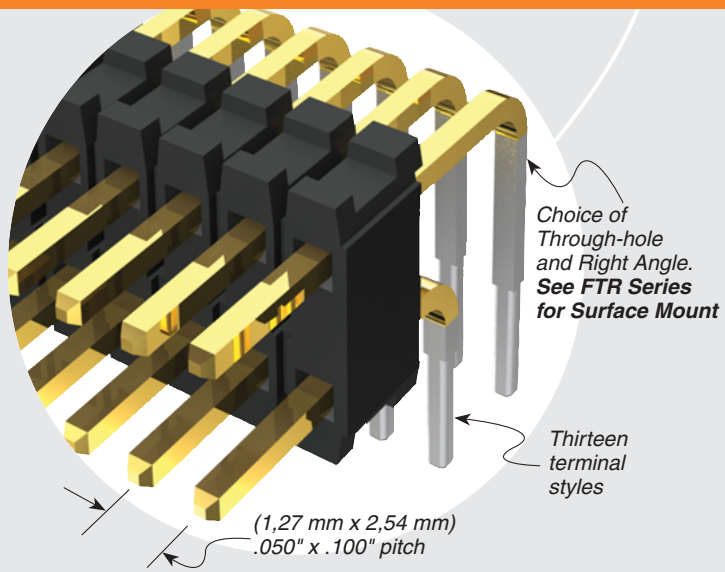
Note: Some lengths, styles and options are non-standard, non-returnable.

Mates with:
SMS, SLM, RSM

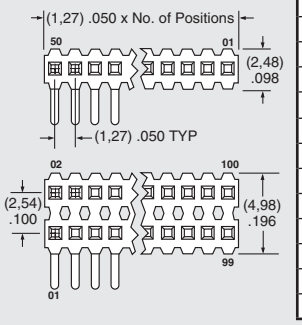
MICRO SHUNT
SNM SERIES



Part No.	Plating
SNM–100–BK–T	Tin
SNM–100–BK–G	10µ" (0,25 µm) Gold

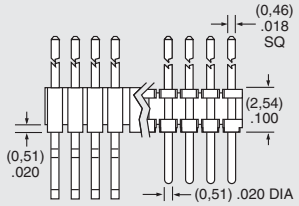


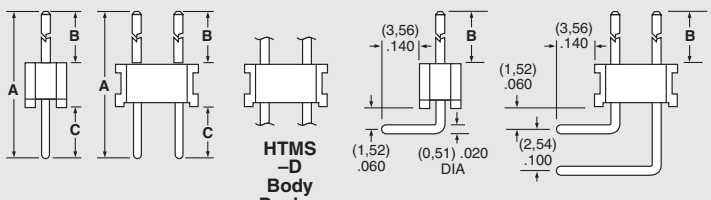
TYPE STRIP	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	OPTION
TMS = Standard HTMS = High Temp		01 thru 50	Specify LEAD STYLE from chart	–L = 10µ" (0,25 µm) Gold on post, Matte Tin on tail –G = 10µ" (0,25 µm) Gold on post, Gold flash on tail	–S = Single Row –D = Double Row	–RA = Right Angle –"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





Due to technical progress, all designs, specifications and components are subject to change without notice.