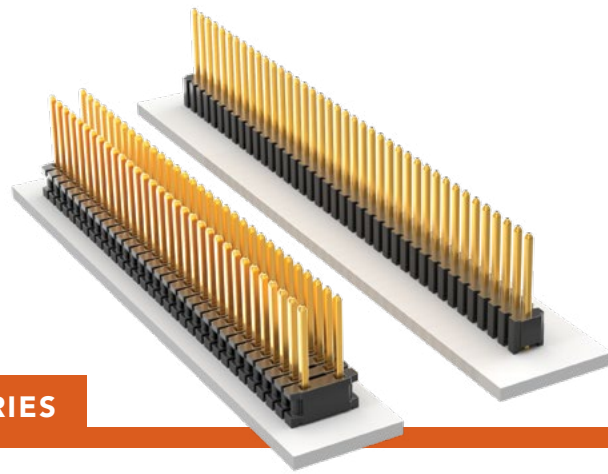


THROUGH-HOLE MICRO HEADER

(1.27 mm) .050" PITCH • TMS/HTMS SERIES



TMS/HTMS

Mates:
SMS, SLM, RSM

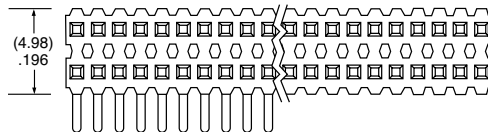
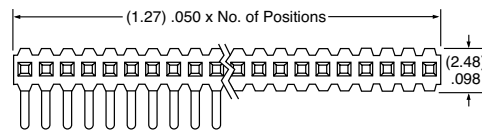
SPECIFICATIONS

Insulator Material:
Black Liquid Crystal Polymer
Terminal Material:
Phosphor Bronze
Plating:
Au or Sn over
50 μ " (1.27 μ m) Ni
Current Rating (TMS/SMS):
5 A per pin
(2 pins powered)
Operating Temp Range:
-55 °C to +105 °C with Tin;
-55 °C to +125 °C with Gold

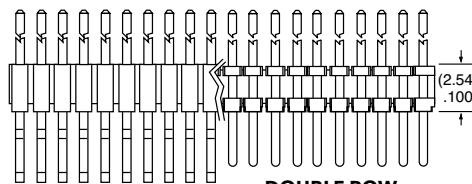
PROCESSING

Lead-Free Solderable:
Yes

SERIES	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	OPTION
TMS = Standard		01 thru 50	Specify LEAD STYLE from chart	-L = 10 μ " (0.25 μ m) Gold on post, Matte Tin on tail	-S = Single Row -D = Double Row	-RA = Right-angle -"XXX" = Polarized Position (Specify position of omitted pin)
HTMS = High Temp				-G = 10 μ " (0.25 μ m) Gold on post, Gold flash on tail		

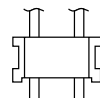
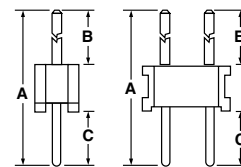


T/H LEAD STYLE	A	B	C
-01	(11.43) .450	(5.84) .230	(3.05) .120
-02	(8.13) .320	(2.54) .100	
-21	(12.83) .505	(5.84) .230	(4.45) .175
-51	(10.41) .410	(4.83) .190	
-52	(10.80) .425	(5.21) .205	
-53	(12.83) .505	(7.24) .285	
-54	(14.10) .555	(8.51) .335	
-55	(15.49) .610	(9.91) .390	(3.05) .120
-56	(15.88) .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	



SINGLE ROW

DOUBLE ROW



HTMS
-D
BODY
DESIGN

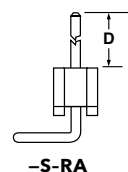
ALSO AVAILABLE

MOQ Required

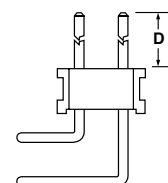
Other Plating

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

RA LEAD STYLE	D
-01	(5.84) .230
-02	(2.54) .100
-03	(3.18) .125



-S-RA



-D-RA

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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Samtec:](#)

[TMS-110-54-T-S](#) [TMS-103-53-T-S](#) [TMS-124-55-T-S](#) [TMS-150-03-T-D-RA](#) [TMS-109-53-T-S](#) [TMS-102-58-T-S](#) [TMS-102-03-TM-S-RA](#) [HTMS-111-56-G-D](#) [HTMS-116-02-L-D-RA](#) [HTMS-140-55-G-S](#) [HTMS-126-02-G-S-RA-002](#) [HTMS-114-52-G-D](#) [HTMS-113-03-L-S-RA](#) [HTMS-110-01-S-D-RA-006](#) [HTMS-150-03-L-D-RA](#) [HTMS-110-52-G-D-006](#) [HTMS-105-54-H-D-003](#) [HTMS-113-51-L-D](#) [HTMS-111-53-G-D](#) [HTMS-110-21-G-D-006](#) [TMS-120-21-L-D](#)