

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 μm) 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

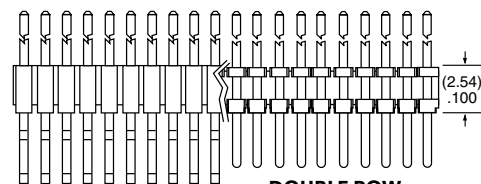
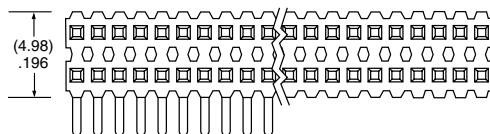
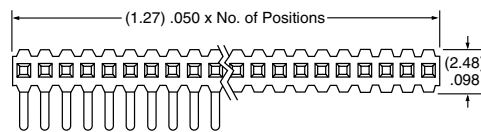
PROCESSING

Lead-Free Solderable:

Yes

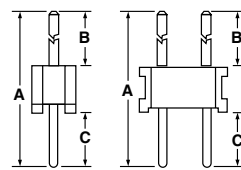
SERIES	1	NO. PINS PER ROW	01 thru 50	LEAD STYLE	Specify LEAD STYLE from chart	PLATING OPTION	-L = 10 μ" (0.25 μm) Gold on post, Matte Tin on tail	-G = 10 μ" (0.25 μm) Gold on post, Gold flash on tail	ROW OPTION	-S = Single Row	-D = Double Row	OPTION	-RA = Right- angle	-"XXX" = Polarized Position (Specify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

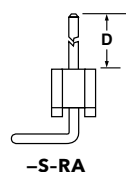
ALSO AVAILABLE

Other Plating
(MOQ Required)

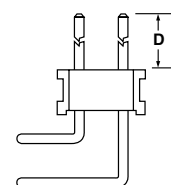
Important Note:

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-102-02-G-S](#) [TMS-105-01-G-D](#) [TMS-110-51-G-S](#) [TMS-110-01-S-S](#) [TMS-110-01-S-S-RA](#) [TMS-136-60-S-D](#)
[TMS-140-01-S-S](#) [TMS-102-02-L-S-RA](#) [TMS-103-01-G-D](#) [TMS-105-57-S-S-004](#) [TMS-104-58-G-S](#) [TMS-106-01-S-D-RA](#) [TMS-115-01-G-S](#) [TMS-115-58-G-S](#) [TMS-108-02-G-S-RA](#) [TMS-107-01-G-D-RA](#) [TMS-136-01-L-S](#) [TMS-106-53-S-S](#) [TMS-108-01-G-S](#) [TMS-104-51-G-S](#) [TMS-108-02-G-S](#) [TMS-104-52-G-S](#) [TMS-111-03-G-S-RA](#) [TMS-136-02-T-S-RA](#)
[TMS-110-51-L-D-006](#) [TMS-113-01-L-D](#) [TMS-115-02-S-D](#) [TMS-114-60-S-S](#) [TMS-106-02-L-S](#) [TMS-114-02-G-S](#)
[TMS-120-51-G-D](#) [TMS-101-02-G-D-RA](#) [TMS-120-01-T-D](#) [TMS-104-02-T-S-RA](#) [TMS-112-02-L-S](#) [TMS-112-51-G-D](#)
[TMS-105-52-L-S](#) [TMS-106-57-G-D](#) [TMS-110-58-G-S](#) [TMS-103-01-T-D](#) [TMS-101-51-T-D](#) [TMS-103-02-L-D](#) [TMS-105-51-S-D](#) [TMS-102-01-S-S](#) [TMS-104-01-S-S-RA](#) [TMS-102-57-G-S](#) [TMS-101-02-L-S](#) [TMS-106-01-G-S-RA](#) [TMS-107-01-G-S-RA](#) [TMS-113-53-G-D](#) [TMS-112-02-G-S](#) [TMS-115-01-G-D-RA](#) [TMS-106-55-L-S](#) [TMS-111-01-T-D-RA](#) [TMS-115-53-S-S](#) [TMS-107-02-G-D-RA](#) [TMS-108-01-G-S-RA](#) [TMS-126-51-G-D](#) [TMS-108-01-S-S-RA](#) [TMS-112-53-G-S](#)
[TMS-110-57-G-S](#) [TMS-113-02-G-S-002](#) [TMS-150-01-L-S](#) [TMS-132-01-L-S-RA](#) [TMS-101-01-G-S](#) [TMS-101-02-G-D](#)
[TMS-102-02-S-D-RA](#) [TMS-104-01-L-D-RA](#) [TMS-102-02-G-D](#) [TMS-105-01-L-S-RA](#) [TMS-102-01-L-S](#) [TMS-103-01-L-D](#)
[TMS-105-01-L-D-006](#) [TMS-113-01-G-S-002](#) [TMS-103-59-G-S](#) [TMS-120-01-G-S](#) [TMS-124-51-G-S](#) [TMS-128-01-G-S](#)
[TMS-150-01-G-S](#) [TMS-108-58-S-S](#) [TMS-110-51-L-D](#) [TMS-115-01-L-S-RA](#) [TMS-125-02-G-S](#) [TMS-106-01-S-S-RA](#)
[TMS-114-02-S-S-RA](#) [TMS-103-02-S-S](#) [TMS-104-01-L-S-RA](#) [TMS-106-01-S-S](#) [TMS-107-02-G-S](#) [TMS-115-02-L-S](#)
[TMS-145-02-L-D-RA](#) [TMS-103-01-G-S-RA](#) [TMS-105-02-T-S](#) [TMS-102-60-G-D](#) [TMS-105-02-S-S-RA](#) [TMS-101-02-T-D-RA](#) [TMS-105-03-G-D-RA](#) [TMS-104-58-S-S](#) [TMS-115-02-G-S](#) [TMS-116-02-G-S](#)