

# THROUGH-HOLE MICRO HEADER



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

**TMS/HTMS**  
Mates:  
SMS, SLM, RSM

## SPECIFICATIONS

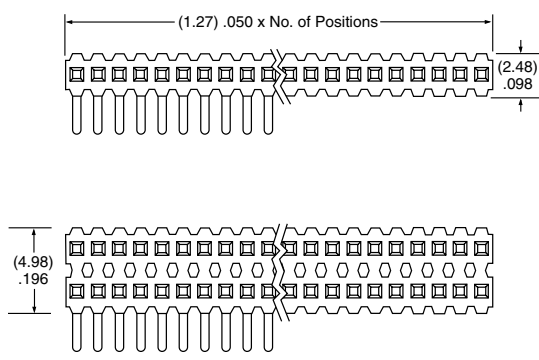
**Insulator Material:**  
Black Liquid Crystal Polymer  
**Terminal Material:**  
Phosphor Bronze  
**Plating:**  
Au or Sn over  
50 μ" (1.27 μm) Ni  
**Current Rating (TMS/SMS):**  
5 A per pin  
(2 pins powered)  
**Operating Temp Range:**  
-55 °C to +105 °C with Tin;  
-55 °C to +125 °C with Gold

## PROCESSING

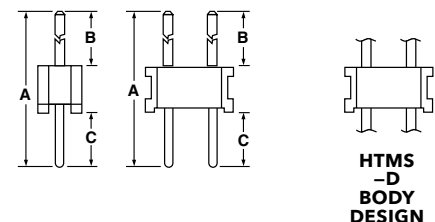
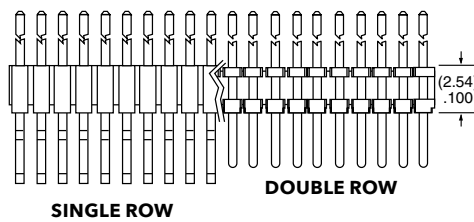
**Lead-Free Solderable:**  
Yes

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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<b>TMS</b> = Standard	<b>HTMS</b> = High Temp										
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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	

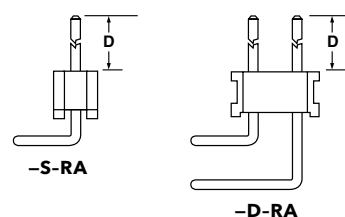


## ALSO AVAILABLE

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



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

# Mouser Electronics

Authorized Distributor

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## Samtec:

[HTMS-112-01-S-S](#) [HTMS-102-21-G-S](#) [HTMS-105-01-S-S](#) [HTMS-103-53-S-S](#) [HTMS-107-01-G-D-006](#) [HTMS-104-02-T-S](#) [HTMS-150-01-G-S](#) [HTMS-105-02-L-D](#) [HTMS-108-02-L-S](#) [HTMS-140-02-S-D](#) [HTMS-108-01-G-S](#) [HTMS-110-01-G-D](#) [HTMS-116-57-L-S](#) [HTMS-118-02-S-S-RA](#) [HTMS-103-03-G-S-RA](#) [HTMS-104-02-L-S](#) [HTMS-110-01-G-S](#) [HTMS-112-02-G-S](#) [HTMS-103-02-G-S](#) [HTMS-104-02-G-S-RA](#) [HTMS-105-02-G-S-RA](#) [HTMS-101-02-G-D](#) [HTMS-102-02-G-S](#) [HTMS-104-01-L-S](#) [HTMS-108-60-G-D](#) [HTMS-108-01-L-S](#) [HTMS-105-02-S-S](#) [HTMS-105-01-G-D-RA](#) [HTMS-104-02-G-S](#) [HTMS-106-52-G-S](#) [HTMS-111-02-G-S](#) [HTMS-106-03-T-S-RA](#) [HTMS-103-02-T-S](#) [HTMS-110-01-S-S](#) [HTMS-120-01-G-D](#) [HTMS-110-02-S-S](#) [HTMS-120-52-G-S](#) [HTMS-105-51-L-D](#) [HTMS-107-03-S-S-RA](#) [HTMS-110-03-G-S-RA](#) [HTMS-103-02-S-D](#) [HTMS-108-53-G-D](#) [HTMS-103-60-G-D](#) [HTMS-105-01-L-S](#) [HTMS-106-01-G-S](#) [HTMS-105-02-G-D-RA](#) [HTMS-150-01-S-S](#) [HTMS-101-02-G-D-RA](#) [HTMS-103-01-G-S](#) [HTMS-119-02-S-S](#) [HTMS-120-51-L-D](#) [HTMS-104-01-S-S-RA](#) [HTMS-117-51-T-D-SM-P](#) [HTMS-106-02-G-D-RA](#) [HTMS-120-02-G-S-RA](#) [HTMS-102-03-S-D-EM](#) [HTMS-105-01-G-S](#) [HTMS-110-02-L-D-RA](#) [HTMS-125-01-G-D](#) [HTMS-105-03-G-D-RA](#) [HTMS-110-02-G-S](#) [HTMS-108-01-S-S](#) [HTMS-111-02-G-S-RA](#) [HTMS-104-03-G-S-RA](#) [HTMS-150-03-S-D-RA](#) [HTMS-113-53-G-D](#) [HTMS-104-02-G-D-RA](#) [HTMS-102-02-G-D-RA](#) [HTMS-120-53-G-D](#) [HTMS-128-01-L-D-RA](#) [HTMS-113-02-G-D-EM](#) [HTMS-108-01-G-S-RA](#) [HTMS-105-01-G-S-RA](#) [HTMS-110-01-S-D-RA](#) [HTMS-104-01-G-S](#) [HTMS-104-01-S-D-006](#) [HTMS-118-01-L-S-RA](#) [HTMS-104-02-S-S](#) [HTMS-140-03-S-D-RA](#) [HTMS-106-01-G-S-RA](#) [HTMS-110-51-S-S](#) [HTMS-105-52-T-S](#) [HTMS-101-21-G-S](#) [HTMS-117-01-L-S](#) [HTMS-125-01-S-S](#) [HTMS-120-01-L-D-RA](#) [HTMS-101-01-G-S](#) [HTMS-150-02-S-D](#) [HTMS-106-02-L-S-RA](#) [HTMS-116-01-S-S](#) [HTMS-102-01-G-S-RA](#) [HTMS-106-02-G-S](#) [HTMS-108-57-G-S](#) [HTMS-102-01-G-S](#) [HTMS-107-51-G-S](#) [HTMS-105-02-G-S](#) [HTMS-150-01-S-S-RA](#) [HTMS-110-03-S-S-RA](#) [HTMS-125-02-S-D](#) [HTMS-103-02-S-S](#)