

# THROUGH-HOLE MICRO HEADER



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

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

## SPECIFICATIONS

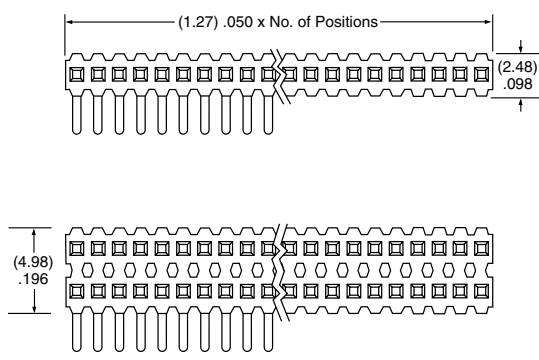
**Insulator Material:**  
Black Liquid Crystal Polymer  
**Terminal Material:**  
Phosphor Bronze  
**Plating:**  
Au or Sn over  
50 μ" (1.27 μm) Ni  
**Current Rating (TMS/SMS):**  
5 A per pin  
(2 pins powered)  
**Operating Temp Range:**  
-55 °C to +105 °C with Tin;  
-55 °C to +125 °C with Gold

## PROCESSING

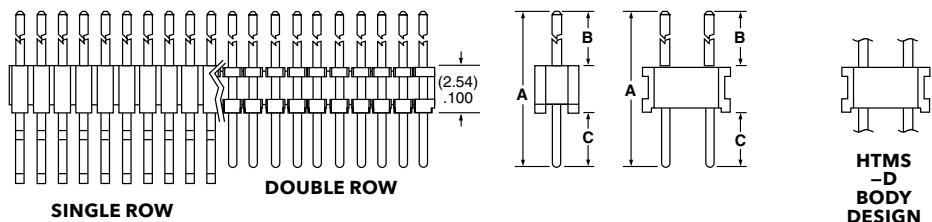
**Lead-Free Solderable:**  
Yes

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

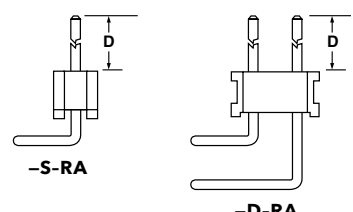


## ALSO AVAILABLE

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.

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[TMS-104-01-L-S-RA](#)