

# 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  $\mu$ " (1.27  $\mu$ 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
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**TMS**  
= Standard

01 thru 50

Specify  
LEAD  
STYLE  
from  
chart

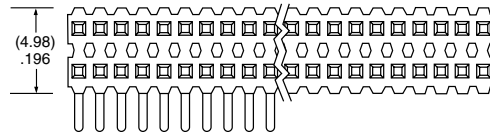
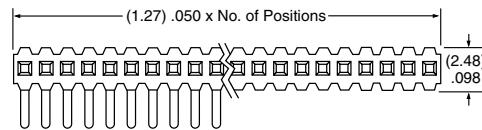
**-L**  
= 10  $\mu$ "  
(0.25  $\mu$ m)  
Gold on post,  
Matte Tin  
on tail

**-S**  
= Single  
Row  
  
**-D**  
= Double  
Row

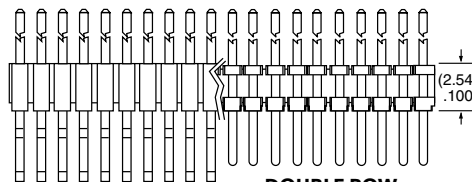
**-RA**  
= Right-  
angle  
  
**-"XXX"**  
= Polarized  
Position  
(Specify position  
of omitted pin)

**HTMS**  
= High Temp

**-G**  
= 10  $\mu$ "  
(0.25  $\mu$ m)  
Gold on post,  
Gold flash  
on tail

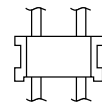
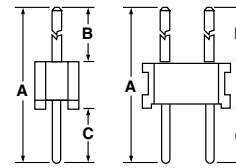


T/H LEAD STYLE	A	B	C
-01	(11.43) .450	(5.84) .230	(3.05) .120
-02	(8.13) .320	(2.54) .100	
-21	(12.83) .505	(5.84) .230	(4.45) .175
-51	(10.41) .410	(4.83) .190	
-52	(10.80) .425	(5.21) .205	
-53	(12.83) .505	(7.24) .285	
-54	(14.10) .555	(8.51) .335	
-55	(15.49) .610	(9.91) .390	
-56	(15.88) .625	(10.29) .405	(3.05) .120
-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

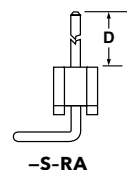
### ALSO AVAILABLE

Other Plating  
(MOQ Required)

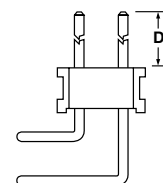
#### Important Note:

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.

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