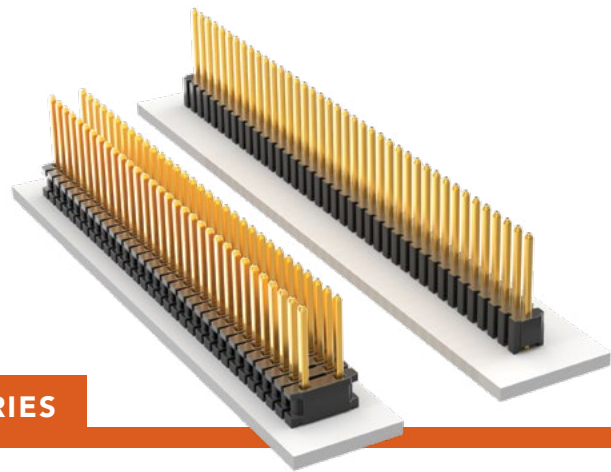


# THROUGH-HOLE MICRO HEADER



(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
--------	---	------------------	------------	----------------	------------	--------

**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

**-RA**  
= Right-  
angle

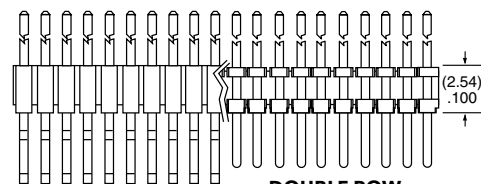
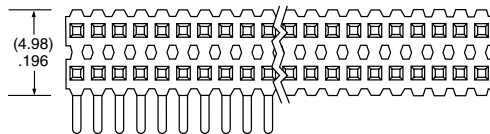
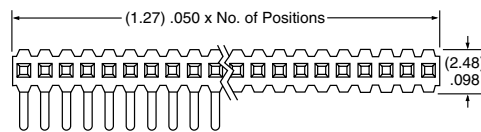
**HTMS**  
= High Temp

**-D**  
= Double  
Row

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

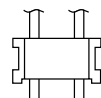
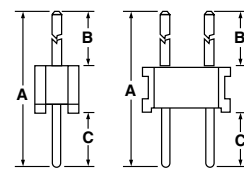
**-G**  
= 10  $\mu$ "  
(0.25  $\mu$ m)  
Gold on post,  
Gold flash  
on tail

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	(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

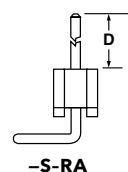
### ALSO AVAILABLE

Other Plating  
(MOQ Required)

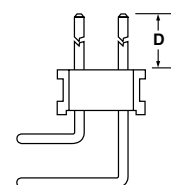
### Important Note:

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.

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Headers & Wire Housings](#) category:*

*Click to view products by [Samtec](#) manufacturer:*

Other Similar products are found below :

[892-18-020-10-001101](#) [58102-G61-06LF](#) [582553-1](#) [0009485154](#) [009176003701906](#) [0050291907](#) [LY20-4P-DT1-P1E-BR](#) [02.125.8002.8](#)  
[609-3404](#) [61062-3](#) [61082-181009](#) [622-3653LF](#) [63453-116](#) [636-1030](#) [636-1427](#) [636-3427](#) [636-4007](#) [641938-9](#) [641991-4](#) [644827-2](#) [65817-](#)  
[010LF](#) [65817-015LF](#) [65863-015LF](#) [66207-023LF](#) [67095-007LF](#) [67601157](#) [68645-018](#) [68648-049](#) [70.362.1628.0](#) [70-4210](#) [70-4226B](#) [70-](#)  
[4853B](#) [707-5020](#) [707-5028](#) [71.350.2428.0](#) [71918-208LF](#) [71961-016LF](#) [733-134](#) [733-162](#) [754199-000](#) [760-3052](#) [787-8014-00](#) [79531-3000](#)  
[FCN-360C032-B](#) [FCN-367T-T012/H](#) [FCN-723D010/2](#) [80.063.4001.1](#) [800-90-001-10-001000](#) [800-90-010-10-002000](#) [801-43-002-10-013000](#)