

# 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)

### Voltage Rating:

300 VAC/424 VDC

### 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

**HTMS**  
= High Temp

01 thru 50

Specify  
LEAD  
STYLE  
from  
chart

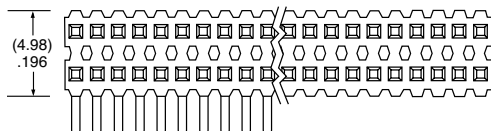
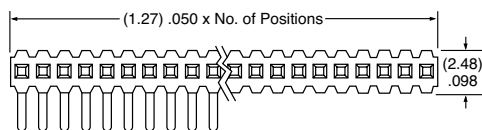
**-F**  
= Gold flash  
on contact,  
Matte Tin on  
tail

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

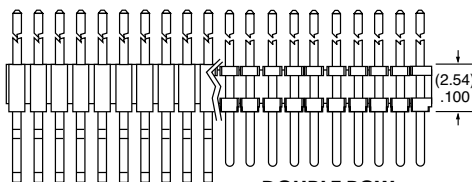
**-G**  
= 10  $\mu$ "  
(0.25  $\mu$ m)  
Gold on post,  
Gold flash  
on tail

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

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

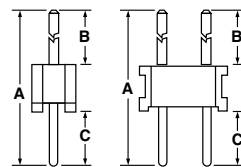


| T/H LEAD STYLE | A            | B            | C           |
|----------------|--------------|--------------|-------------|
| -01            | (11.43) .450 | (5.84) .230  | (3.05) .120 |
| -02            | (8.13) .320  | (2.54) .100  |             |
| -21            | (12.83) .505 | (5.84) .230  | (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 |             |



SINGLE ROW

DOUBLE ROW



HTMS  
-D  
BODY  
DESIGN

## ALSO AVAILABLE

Contact Samtec

Other Plating

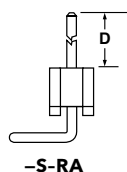
### Important Note:

Style -02 does not mate with SMS Series.

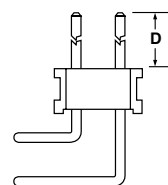
### Note:

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

| RA LEAD STYLE | D           |
|---------------|-------------|
| -01           | (5.84) .230 |
| -02           | (2.54) .100 |
| -03           | (3.18) .125 |



-S-RA



-D-RA