# THROUGH-HOLE MICRO HEADER

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



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 Δ per pin 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:



**TMS** 

= Standard

**HTMS** 

= High Temp



**PER ROW** 

01 thru 50

**STYLE** 

Specify LEAD

**STYLE** 

from

chart

= 10 µ" (0.25 µm) Gold on post, Matte Tin on tail

**PLATING** 

OPTION

-G = 10 µ" (0.25 µm) Gold on post, Gold flash on tail

**ROW OPTION** 

-S

= Single

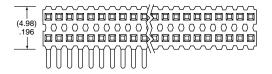
Row -D = Double Row

-RA = Rightangle

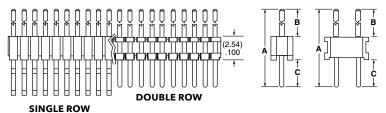
OPTION

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

| (1.27) .050 x No. of Positions | +      |
|--------------------------------|--------|
|                                | (2.48) |



| T/H<br>LEAD<br>STYLE | A            | В            | С            |
|----------------------|--------------|--------------|--------------|
| -01                  | (11.43) .450 | (5.84) .230  | (2.05), 4.00 |
| -02                  | (8.13) .320  | (2.54) .100  | (3.05) .120  |
| -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  | (2.05), 4.00 |
| -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 |              |



| $\prod$        |  |  |  |  |
|----------------|--|--|--|--|
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| Щ              |  |  |  |  |
| HTMS<br>-D     |  |  |  |  |
| BODY<br>DESIGN |  |  |  |  |
|                |  |  |  |  |

| ALSO . | AVAIL | ABLE |
|--------|-------|------|
|--------|-------|------|

Other Plating (MOQ Required)

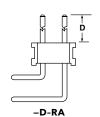
#### **Important Note:** Style -02 does not mate with SMS Series.

### Note:

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

| RA<br>LEAD<br>STYLE | D           |
|---------------------|-------------|
| -01                 | (5.84) .230 |
| -02                 | (2.54) .100 |
| _03                 | (3.18) 125  |





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## Samtec:

TMS-102-02-G-S-RA