

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 |
|--------|---|------------------|------------|----------------|------------|--------|
|--------|---|------------------|------------|----------------|------------|--------|

TMS
= Standard

01 thru 50

Specify
**LEAD
STYLE**
from
chart

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

-S
= Single
Row

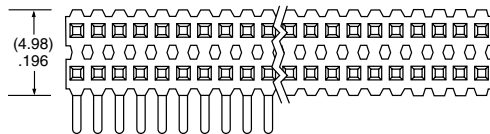
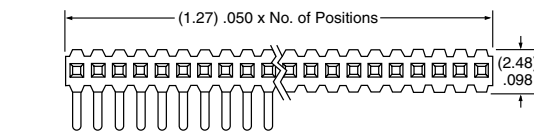
-RA
= Right-
angle

HTMS
= High Temp

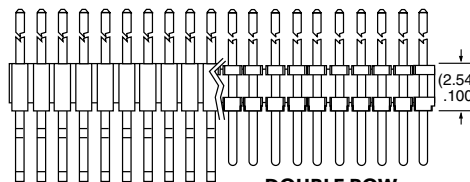
-D
= Double
Row

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

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

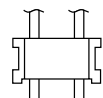
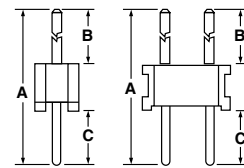


| T/H LEAD STYLE | A | B | C |
|----------------|--------------|--------------|-------------|
| -01 | (11.43) .450 | (5.84) .230 | (3.05) .120 |
| -02 | (8.13) .320 | (2.54) .100 | |
| -21 | (12.83) .505 | (5.84) .230 | (4.45) .175 |
| -51 | (10.41) .410 | (4.83) .190 | |
| -52 | (10.80) .425 | (5.21) .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

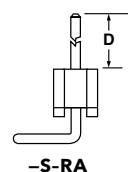
ALSO AVAILABLE

Other Plating
(MOQ Required)

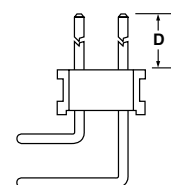
Important Note:

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.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Samtec:

[TMS-102-02-G-S](#) [TMS-105-01-G-D](#) [TMS-110-51-G-S](#) [TMS-110-01-S-S](#) [TMS-110-01-S-S-RA](#) [TMS-136-60-S-D](#)
[TMS-140-01-S-S](#) [TMS-102-02-L-S-RA](#) [TMS-103-01-G-D](#) [TMS-105-57-S-S-004](#) [TMS-104-58-G-S](#) [TMS-106-01-S-D-RA](#) [TMS-115-01-G-S](#) [TMS-115-58-G-S](#) [TMS-108-02-G-S-RA](#) [TMS-107-01-G-D-RA](#) [TMS-136-01-L-S](#) [TMS-106-53-S-S](#) [TMS-108-01-G-S](#) [TMS-104-51-G-S](#) [TMS-108-02-G-S](#) [TMS-104-52-G-S](#) [TMS-111-03-G-S-RA](#) [TMS-136-02-T-S-RA](#)
[TMS-110-51-L-D-006](#) [TMS-113-01-L-D](#) [TMS-115-02-S-D](#) [TMS-114-60-S-S](#) [TMS-106-02-L-S](#) [TMS-114-02-G-S](#)
[TMS-120-51-G-D](#) [TMS-101-02-G-D-RA](#) [TMS-120-01-T-D](#) [TMS-104-02-T-S-RA](#) [TMS-112-02-L-S](#) [TMS-112-51-G-D](#)
[TMS-105-52-L-S](#) [TMS-106-57-G-D](#) [TMS-110-58-G-S](#) [TMS-103-01-T-D](#) [TMS-101-51-T-D](#) [TMS-103-02-L-D](#) [TMS-105-51-S-D](#) [TMS-102-01-S-S](#) [TMS-104-01-S-S-RA](#) [TMS-102-57-G-S](#) [TMS-101-02-L-S](#) [TMS-106-01-G-S-RA](#) [TMS-107-01-G-S-RA](#) [TMS-113-53-G-D](#) [TMS-112-02-G-S](#) [TMS-115-01-G-D-RA](#) [TMS-106-55-L-S](#) [TMS-111-01-T-D-RA](#) [TMS-115-53-S-S](#) [TMS-107-02-G-D-RA](#) [TMS-108-01-G-S-RA](#) [TMS-126-51-G-D](#) [TMS-108-01-S-S-RA](#) [TMS-112-53-G-S](#)
[TMS-110-57-G-S](#) [TMS-113-02-G-S-002](#) [TMS-150-01-L-S](#) [TMS-132-01-L-S-RA](#) [TMS-101-01-G-S](#) [TMS-101-02-G-D](#)
[TMS-102-02-S-D-RA](#) [TMS-104-01-L-D-RA](#) [TMS-102-02-G-D](#) [TMS-105-01-L-S-RA](#) [TMS-102-01-L-S](#) [TMS-103-01-L-D](#)
[TMS-105-01-L-D-006](#) [TMS-113-01-G-S-002](#) [TMS-103-59-G-S](#) [TMS-120-01-G-S](#) [TMS-124-51-G-S](#) [TMS-128-01-G-S](#)
[TMS-150-01-G-S](#) [TMS-108-58-S-S](#) [TMS-110-51-L-D](#) [TMS-115-01-L-S-RA](#) [TMS-125-02-G-S](#) [TMS-106-01-S-S-RA](#)
[TMS-114-02-S-S-RA](#) [TMS-103-02-S-S](#) [TMS-104-01-L-S-RA](#) [TMS-106-01-S-S](#) [TMS-107-02-G-S](#) [TMS-115-02-L-S](#)
[TMS-145-02-L-D-RA](#) [TMS-103-01-G-S-RA](#) [TMS-105-02-T-S](#) [TMS-102-60-G-D](#) [TMS-105-02-S-S-RA](#) [TMS-101-02-T-D-RA](#) [TMS-105-03-G-D-RA](#) [TMS-104-58-S-S](#) [TMS-115-02-G-S](#) [TMS-116-02-G-S](#)