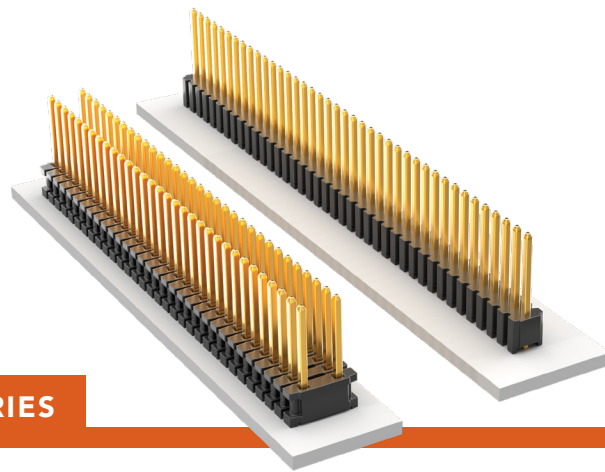


THROUGH-HOLE MICRO HEADER



(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)

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

01 thru 50

Specify
**LEAD
STYLE**
from
chart

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

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

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

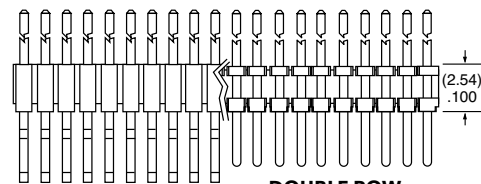
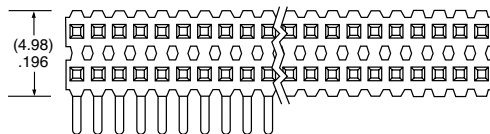
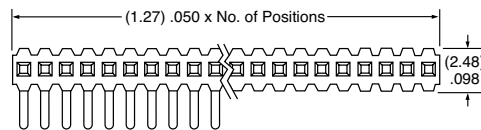
-S
= Single
Row

-D
= Double
Row

-RA
= Right-
angle

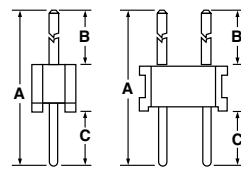
-"XXX"
= Polarized
Position
(Specify position
of omitted pin)

| 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 | (3.05) .120 |
| -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 | |
| -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**

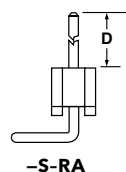
ALSO AVAILABLE
Contact Samtec

Other Plating

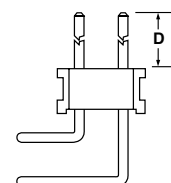
Important Note:

Style -02 does not mate
with SMS Series.

| 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.