

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 μ 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

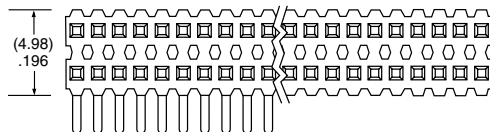
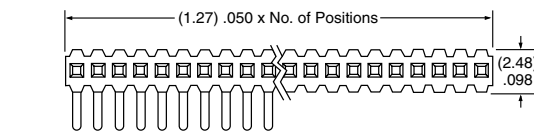
PROCESSING

Lead-Free Solderable:
Yes

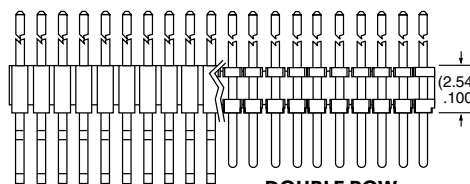
| SERIES | 1 | NO. PINS PER ROW | 01 thru 50 | LEAD STYLE | Specify LEAD STYLE from chart | PLATING OPTION | -L = 10 μ " (0.25 μ m) Gold on post, Matte Tin on tail | -G = 10 μ " (0.25 μ m) Gold on post, Gold flash on tail | ROW OPTION | -S = Single Row -D = Double Row | OPTION | -RA = Right-angle -“XXX” = Polarized Position (Specify position of omitted pin) |
|--------|---|------------------|------------|------------|-------------------------------|----------------|--|---|------------|--|--------|---|
|--------|---|------------------|------------|------------|-------------------------------|----------------|--|---|------------|--|--------|---|

TMS
= Standard

HTMS
= High Temp

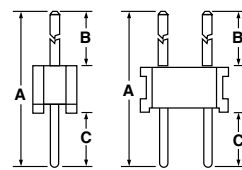


| T/H LEAD STYLE | A | B | C |
|----------------|--------------|--------------|-------------|
| -01 | (11.43) .450 | (5.84) .230 | (3.05) .120 |
| -02 | (8.13) .320 | (2.54) .100 | |
| -21 | (12.83) .505 | (5.84) .230 | (4.45) .175 |
| -51 | (10.41) .410 | (4.83) .190 | |
| -52 | (10.80) .425 | (5.21)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

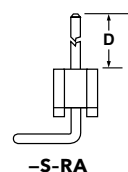
ALSO AVAILABLE

Other Plating
(MOQ Required)

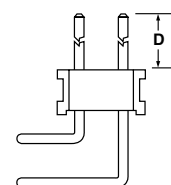
Important Note:

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

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[TMS-132-01-L-S-RA](#)