THROUGH-HOLE MICRO HEADER

SPESIFICATIONS


Insulator Material (TMS): Black Liquid Crystal Polymer
Insulator Material (SM): Black Glass Filled Polyester

Terminal Material: Phosphor Bronze
Plating: Au or Sn over 50 µ” (1.27 µm) Ni
Current Rating: 5 A per pin
TMS mated with SMS
Operating Temp Range: 
-55 °C to +105 °C with Tin;
-55 °C to +125 °C with Gold
Lead Size accepted (SNM): (0.46 mm) .018” SQ
Insertion Depth (SNM): (3.30 mm) .130” minimum
Max Processing Temp (SNM): Not recommended for IR/VP
RoHS Compliant: Yes

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

PROCESSING

Lead-Free Solderable: Yes

RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality

ALSO AVAILABLE (MOQ Required)

- Other platings

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

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Mates with: SMS, SLM, RSM

MICRO SHUNT
SNM SERIES

Part No. Plating
SNM–100–BK–T Tin
SNM–100–BK–G Gold

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) 170
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
56 (15.88) 625 (10.29) 405
57 (16.51) 650 (10.82) 430
58 (17.91) 700 (12.32) 485
59 (19.18) 755 (13.59) 530
60 (20.96) 825 (15.37) 605

TMS – Standard
HTMS – High Temp

NO. PINS PER ROW LEAD STYLE PLATING OPTION ROW OPTION OPTION
01 thru 50 Specify LEAD style from chart

–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)

HTMS–110–03–L–D–RA
HTMS–107–01–G–S
TMS–132–51–G–S
TMS–110–02–G–D

Due to technical progress, all designs, specifications and components are subject to change without notice.