



**THE DATASHEET OF
SLM-106-01-S-D**



THROUGH-HOLE MICRO SOCKETS

(1.27 mm) .050" PITCH • SLM/SMS SERIES



SLM

Mates:
HTMS, TMS, MTMS, DWM,
HDWM, FTR, HMTMS

SMS

Mates:
HTMS, TMS, MTMS,
DWM, HDWM, FTR, TML,
ZML, HMTM

SPECIFICATIONS

Insulator Material:
SLM: Black Glass Filled Polyester
SMS: Black LCP

Contact Material:
Phosphor Bronze

Plating:
Au or Sn over
50 μ " (1.27 μ m) Ni

Current Rating (SLM/TMS):
5.2 A per pin
(2 pins powered)

Current Rating (SMS/TMS):
5.0 A per pin
(2 pins powered)

Operating Temp Range:
-55 °C to +125 °C with Gold
-55 °C to +105 °C with Tin

Insertion Depth:
SLM: (2.03 mm) .080"
to (3.05 mm) .120"
SMS: (3.43 mm) .135" to
(6.35 mm) .250" with
(0.38 mm) .015" wipe

PROCESSING

Lead-Free Solderable:
SLM: No, Lead Wave Only
SMS: Yes

ALSO AVAILABLE

Other Platings
(MOQ Required)

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

| | | | | | | | | |
|-----|---|---|------------------|---|----|----------------|---|------------|
| SLM | - | 1 | NO. PINS PER ROW | - | 01 | PLATING OPTION | - | ROW OPTION |
|-----|---|---|------------------|---|----|----------------|---|------------|

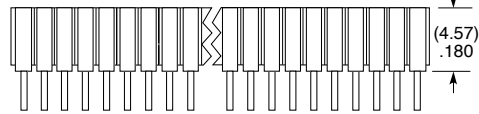
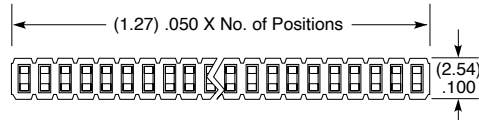
01 thru 50

-L
= 10 μ " (0.25 μ m) Gold on contact,
Matte Tin on tail

-G
= 20 μ " (0.51 μ m) Gold on contact,
Gold flash on balance

-S
= Single Row

-D
= Double Row



| | | | | | | | | |
|-----|---|---|------------------|---|------------|----------------|---|------------|
| SMS | - | 1 | NO. PINS PER ROW | - | LEAD STYLE | PLATING OPTION | - | ROW OPTION |
|-----|---|---|------------------|---|------------|----------------|---|------------|

01 thru 50

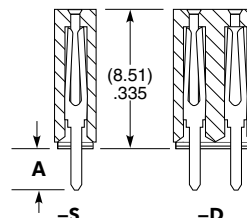
Specify
LEAD
STYLE
from
chart

-L
= 10 μ " (0.25 μ m) Gold on contact,
Matte Tin on tail

-G
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| LEAD STYLE | A |
|------------|-------------|
| -01 | (2.54) .100 |
| -02 | (4.83) .190 |

Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

-  [View SLM-106-01-S-D on WIN SOURCE](#)
-  [Samtec Inc. Information](#)

Optimize Your Supply Chain with WIN SOURCE Solutions

-  Global Sourcing Solution
-  Obsolete Management
-  Cost Control Management
-  Shortage Management
-  Alternative Solution
-  Excess Inventory Management