

SMS-106-02-L-S

SLM-112-01-L-D

SMS-122-01-G-S

SLM-134-01-G-D

(1.27 mm) .050"

SLM, SMS SERIES

# THROUGH-HOLE MICRO SOCKETS

## SPECIFICATIONS

For complete specifications  
see [www.samtec.com?SLM](http://www.samtec.com?SLM)  
or [www.samtec.com?SMS](http://www.samtec.com?SMS)

### Insulator Material:

SLM: Black Glass

Filled Polyester

SMS: Black LCP

### Contact Material:

Phosphor Bronze

### Plating:

Au or Sn over

50  $\mu$ " (1.27  $\mu$ 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" wiper

### RoHS Compliant:

Yes

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

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

**01 thru 50**

(1.27) .050 X No. of Positions

(2.54) .100

(1.27) .050 TYP

(2.54) (5.08) .100 .200

(0.25) .010

(4.57) .180

(0.51) .020 X (0.41) .016 TYP

(2.92) .115

**PLATING OPTION**

**-L**  
= 10  $\mu$ " (0.25  $\mu$ m) Gold on contact,  
Matte Tin on tail

**-G**  
= 20  $\mu$ " (0.51  $\mu$ m) Gold on contact,  
Gold flash on balance

**ROW OPTION**

**-S**  
= Single Row

**-D**  
= Double Row

**ALSO AVAILABLE (MOQ Required)**

- Other platings

## PROCESSING

### Lead-Free Solderable:

SLM: No, Lead Wave Only

SMS: Yes

## RECOGNITIONS

For complete scope  
of recognitions see  
[www.samtec.com/quality](http://www.samtec.com/quality)



FILE NO. E111594

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

Mates with:  
HTMS, TMS, MTMS,  
DWM, HDWM, FTR, TML,  
ZML, HMTMS

**01 thru 50**

(1.27) .050 X No. of Positions

(3.05) .120

(1.27) .050 TYP

(2.54) .100

(5.59) .220

(8.51) .335

(0.51) .020

(0.41) .016

**LEAD STYLE**

**A**

**-01** (2.54) .100

**-02** (4.83) .190

**PLATING OPTION**

**-L**  
= 10  $\mu$ " (0.25  $\mu$ m) Gold on contact,  
Matte Tin on tail

**-G**  
= 10  $\mu$ " (0.25  $\mu$ m) Gold

**ROW OPTION**

**-S**  
= Single Row

**-D**  
= Double Row

**ALSO AVAILABLE (MOQ Required)**

- Other platings

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

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

[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)

All parts within this catalog are built to Samtec's specifications.

Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.