



(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 μ" (1.27 μm) 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

### 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**

**SLM** - **1** NO. PINS PER ROW

**01** PLATING OPTION

**ROW OPTION**

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

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

**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**

Specify LEAD STYLE from chart

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

**-G**  
= 10 μ" (0.25 μm) Gold

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

**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.

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