



(1.27 mm) .050"

SLM, SMS SERIES

THROUGH-HOLE MICRO SOCKETS

SPECIFICATIONS

For complete specifications see www.samtec.com?SLM or www.samtec.com?SMS

Insulator Material:

SLM: Black Glass Filled Polyester

SMS: Black LCP

Contact Material:

Phosphor Bronze

Plating:

Au or Sn over 50 μm (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

(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

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

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

-S
= Single Row

-D
= Double Row

ALSO AVAILABLE (MOQ Required)

- Other platings

PROCESSING

Lead-Free Solderable:

SLM: Wave Only

SMS: Yes

RECOGNITIONS

For complete scope of recognitions see 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

(8.51) .335

A

(0.51) .020

LEAD STYLE

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

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

-G
= 10 μm (0.25 μm) Gold

-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

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.