



(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 (1 pin powered per row)

Current Rating (SMS/TMS):

5.0 A per pin (1 pin powered per row)

Operating Temp Range:

-55 °C to +125 °C with Gold

-55 °C to +105 °C with Tin

Contact Resistance:

10 mΩ

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

-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
- Contact Samtec.

PROCESSING

Lead-Free Solderable:

SLM: Wave Only

SMS: Yes

RECOGNITIONS

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



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

-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

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

ALSO AVAILABLE (MOQ Required)

- Other platings
- Contact Samtec.

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