



(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 50µ" (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" wipe

Insertion Force:

(Single contact only) 8 oz (2,22 N) avg.

Withdrawal Force:

(Single contact only) 6 oz (1,67 N) avg.

RoHS Compliant:

Yes

Processing:

Lead-Free Solderable:

SLM: Wave Only

SMS: 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
= 10µ" (0,25 µm) Gold on contact, Matte Tin on tail

-G
= 20µ" (0,51 µm) Gold on contact, Gold flash on balance

-S
= Single Row

-D
= Double Row

ALSO AVAILABLE (MOQ Required)

- Other platings
- Contact Samtec.

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

(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

A

(8,51) .335

(0,51) .020

-L
= 10µ" (0,25 µm) Gold on contact, Matte Tin on tail

-G
= 10µ" (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.