

(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

RECOGNITIONS

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



FILE NO. E111594

FILE NO. 000071_0_000 (SAS ONLY)

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 .016 TYP

(2,92) .115

PLATING OPTION:
—L = 10µ" (0,25 µm) Gold on contact, Matte Tin on tail
—G = 20µ" (0,51 µm) Gold on contact, Gold flash on balance

ROW OPTION:
—S = Single Row
—D = Double Row

ALSO AVAILABLE (MOQ Required)
• Other platings Contact Samtec.

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

LEAD STYLE	A
—01	(2,54) .100
—02	(4,83) .190

PLATING OPTION:
—L = 10µ" (0,25 µm) Gold on contact, Matte Tin on tail
—G = 10µ" (0,25 µm) Gold

ROW OPTION:
—S = Single Row
—D = Double Row

ALSO AVAILABLE (MOQ Required)
• Other platings Contact Samtec.

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.

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