

(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

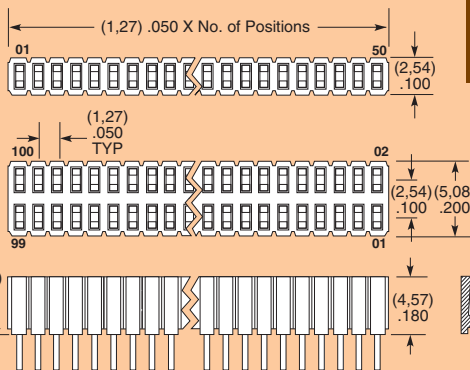
ROW OPTION

Mates with:

HTMS, TMS, MTMS, DWM,

HDWM, FTR, HMTMS

01 thru 50



-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.

SMS

1

NO. PINS PER ROW

LEAD STYLE

PLATING OPTION

ROW OPTION

Mates with:

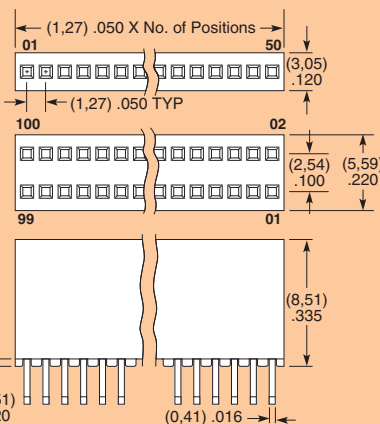
HTMS, TMS, MTMS,

DWM, HDWM,

FTR, TML,

ZML, HMTMS

01 thru 50



Specify LEAD STYLE from chart

-L
= 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.

Due to technical progress, all designs, specifications and components are subject to change without notice.

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