

(1,27 mm) .050"

SLM, SMS SERIES

# THROUGH-HOLE MICRO SOCKETS

## SPECIFICATIONS

For complete specifications see [www.samtec.com?SLM](http://www.samtec.com?SLM) or [www.samtec.com?SMS](http://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](http://www.samtec.com/quality)



FILE NO. E111594

FILE NO. 000071\_0\_000 (SAS ONLY)

SLM

1

NO. PINS PER ROW

01

PLATING OPTION

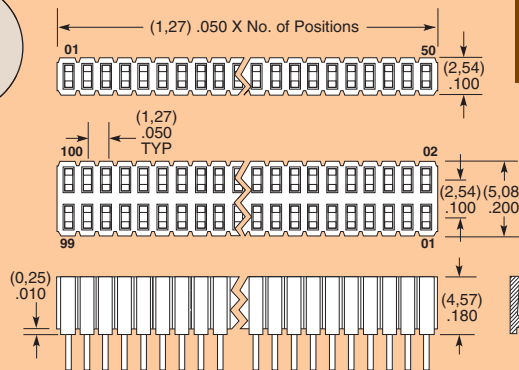
ROW OPTION

### 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:

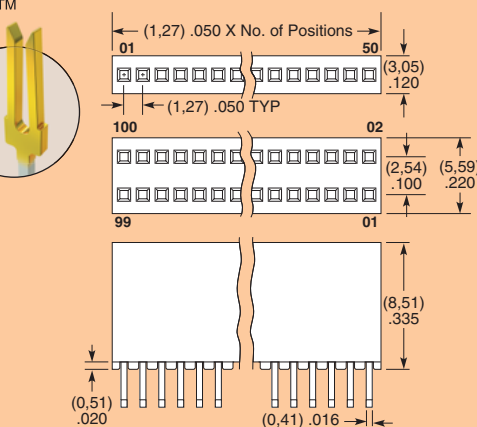
HTMS, TMS, MTMS,

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.

[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)