

# THROUGH-HOLE MICRO SOCKETS

(1.27 mm) .050" PITCH • SLM/SMS SERIES



## SLM

### Mates:

HTMS, TMS, MTMS, DWM,  
HDWM, FTR, HMTMS

## SMS

### Mates:

HTMS, TMS, MTMS,  
DWM, HDWM, FTR, TML,  
ZML, HMTM

## SPECIFICATIONS

### Insulator Material:

SLM: Black Glass Filled Polyester

SMS: Black LCP

### Contact Material:

Phosphor Bronze

### Plating:

Au or Sn over

50  $\mu$ " (1.27  $\mu$ m) Ni

### Operating Temp Range:

-55 °C to +125 °C with Gold

-55 °C to +105 °C with Tin

### Current Rating (SLM/TMS):

5.2 A per pin

(2 pins powered)

### Current Rating (SMS/TMS):

5.0 A per pin

(2 pins powered)

### Voltage Rating:

SLM: 238 VAC/336 VDC

SMS: 300 VAC/424 VDC

### 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

## PROCESSING

### Lead-Free Solderable:

SLM: No, Lead Wave Only

SMS: Yes

## ALSO AVAILABLE

Contact Samtec

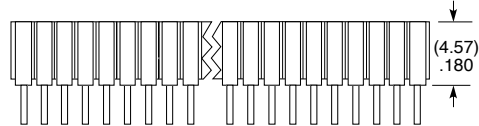
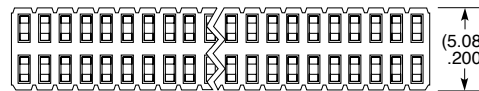
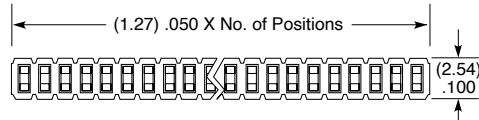
Other Platings

### Note:

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

| SLM | - | 1 | NO. PINS<br>PER ROW | - | 01 | - | PLATING<br>OPTION | - | ROW<br>OPTION |
|-----|---|---|---------------------|---|----|---|-------------------|---|---------------|
|-----|---|---|---------------------|---|----|---|-------------------|---|---------------|

01 thru 50



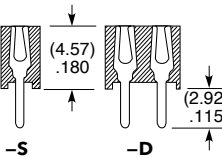
**-F**  
= Gold flash on contact,  
Matte Tin on tail

**-L**  
= 10  $\mu$ " (0.25  $\mu$ m) Gold on contact,  
Matte Tin on tail

**-G**  
= 20  $\mu$ " (0.51  $\mu$ m) Gold on contact,  
Gold flash on balance

**-S**  
= Single  
Row

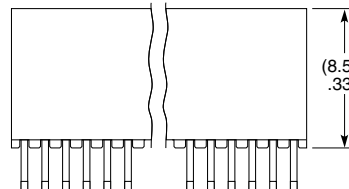
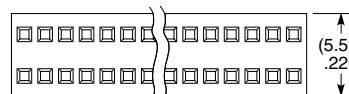
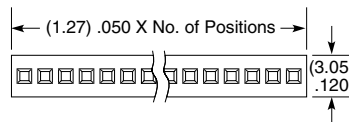
**-D**  
= Double  
Row



| SMS | - | 1 | NO. PINS<br>PER ROW | - | LEAD<br>STYLE | - | PLATING<br>OPTION | - | ROW<br>OPTION |
|-----|---|---|---------------------|---|---------------|---|-------------------|---|---------------|
|-----|---|---|---------------------|---|---------------|---|-------------------|---|---------------|

01 thru 50

Specify  
LEAD  
STYLE  
from  
chart



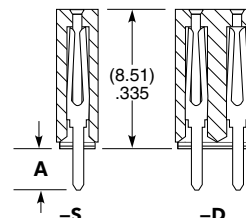
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Matte Tin on tail

**-G**  
= 20  $\mu$ " (0.51  $\mu$ m) Gold on contact,  
Gold flash on balance

**-S**  
= Single  
Row

**-D**  
= Double  
Row



| LEAD<br>STYLE | A           |
|---------------|-------------|
| -01           | (2.54) .100 |
| -02           | (4.83) .190 |