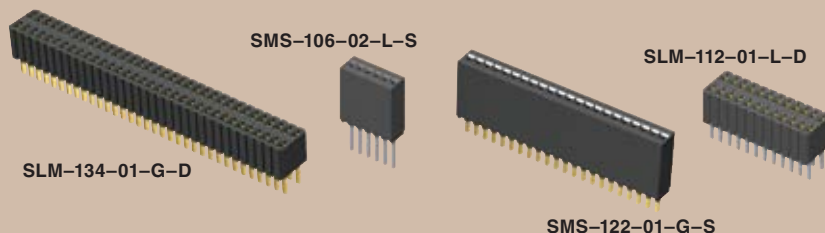




(1,27 mm) .050"

SLM, SMS SERIES



THROUGH-HOLE MICRO SOCKETS

Mates with:

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

SPECIFICATIONS

For complete specifications
see www.samtec.com?SLM

Insulator Material:

Black Glass Filled
Polyester

Contact Material:

Phosphor Bronze

Current Rating:

1A per contact

Operating Temp Range:

-55°C to +125°C with Gold

-55°C to +105°C with Tin

Contact Resistance:

10 mΩ

Insertion Depth:

(2,03 mm) .080" to

(3,05 mm) .120"

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:

Wave Only



SLM — **1** — **NO. PINS PER ROW** — **01** — **PLATING OPTION** — **ROW OPTION**

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

01 thru 50

(1,27) .050 X No. of Positions

(2,54) (5,08) .100 .200

(1,27) .050 TYP

(2,54) (5,08) .100 .200

(0,25) .010

(4,57) .180

(0,51) (0,41) .020 X .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

Note: Other Gold plating options available. Contact Samtec.

Mates with:

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

SPECIFICATIONS

For complete specifications
see www.samtec.com?SMS

Insulator Material:

Black LCP

Contact Material:

Phosphor Bronze

Plating:

Au or Sn over 50μ" (1,27 μm) Ni

Current Rating:

1A per contact

Operating Temp Range:

-55°C to +125°C with Gold

-55°C to +105°C with Tin

Contact Resistance:

10 mΩ

Insertion Depth:

(3,43 mm) .135" to (6,35 mm)

.250" with (0,38 mm) .015" wiper

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: Yes



SMS — **1** — **NO. PINS PER ROW** — **LEAD STYLE** — **PLATING OPTION** — **ROW OPTION**

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

01 thru 50

(1,27) .050 X No. of Positions

(3,05) .120

(1,27) .050 TYP

(2,54) (5,59) .100 .220

(8,51) .335

(0,51) .020

(0,41) .016

(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

Note: Other Gold plating options available. Contact Samtec.

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

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

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