



(1,27mm) .050" SOCKET SLM, SMS SERIES

Mates with:
HTMS, TMS, MTMS,
DWM, HDWM, FTR

SPECIFICATIONS

For complete specifications see www.samtec.com?SLM

- Insulator Material:** Black Glass Filled Polyester
- Contact Material:** Phosphor Bronze
- Current Rating:** 1A
- Operating Temp Range:** -55°C to +125°C with Gold, -55°C to +105°C with Tin
- Contact Resistance:** 10 mΩ max
- Insertion Depth:** (2,03mm) .080" to (3,05mm) .120"
- Insertion Force:** (Single contact only) 8oz (2,22N) avg.
- Withdrawal Force:** (Single contact only) 6oz (1,67N) avg.
- RoHS Compliant:** Yes



Processing:
Lead-Free Solderable:
Wave Only

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

01 thru 50

Dimensions: (1,27) .050 X No. of Positions, (2,54) .100, (2,54) (5,08) .100 .200, (4,57) .180, (0,25) .010, (0,51) x (0,41) .020 x .016 TYP, (2,92) .115

-G
= 20μ" (0,51μm)
Gold on contact,
Gold flash on balance

-S
= 30μ" (0,76μm)
Gold on contact,
Matte Tin on tail

-S
= Single Row
-D
= Double Row

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

Mates with:
HTMS, TMS, MTMS, DWM,
HDWM, FTR, TML, ZML

SPECIFICATIONS

For complete specifications see www.samtec.com?SMS

- Insulator Material:** -D= LCP, -S= Glass Filled Polyester
- Contact Material:** Phosphor Bronze
- Plating:** Au or Sn over 50μ" (1,27μm) Ni
- Current Rating:** 1A
- Operating Temp Range:** -55°C to +125°C with Gold, -55°C to +105°C with Tin
- Contact Resistance:** 10 mΩ max
- Insertion Depth:** (3,43mm) .135" to (6,35mm) .250" with (0,38mm) .015" wiper
- Insertion Force:** (Single contact only) 8 oz (2,22N) avg.
- Withdrawal Force:** (Single contact only) 6 oz (1,67N) avg.
- RoHS Compliant:** Yes



Processing:
Lead-Free Solderable:
Single Row: Wave Only
Double Row: Yes

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

01 thru 50

Dimensions: (1,27) .050 X No. of Positions, (3,05) .120, (2,54) .100 (5,59) .220, (8,51) .335, (0,51) .020, (0,41) .016, (8,51) .335

-G
= 10μ" (0,25μm)
Gold

-S
= 30μ" (0,76μm)
Gold on contact,
Matte Tin on tail

-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.

WWW.SAMTEC.COM