

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 μ" (1.27 μm) Ni Current Rating (SLM/TMS): 5 2 Δ per pin

5.2 A per pin (2 pins powered) Current Rating (SMS/TMS):

5.0 A per pin

5.0 A per pin (2 pins powered) Operating Temp Range: -55 °C to +125 °C with Gold -55 °C to +105 °C with Tin

Insertion Depth:

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

Other Platings (MOQ Required)





NO. PINS **PER ROW**

01 thru 50



PLATING

OPTION

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

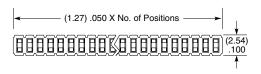
-G = 20 μ " (0.51 μ m) Gold on contact, Gold flash on balance

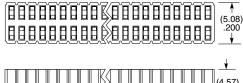
ROW OPTION

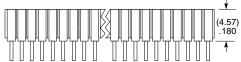
-S Single

Row

-D = Double Row











NO. PINS PER ROW **SMS**

Specify LEAD 01 thru 50

LEAD STYLE

STYLE from

chart

PLATING OPTION

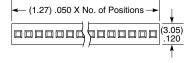
ROW OPTION

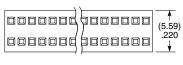
-S = Single Row

= 20 μ" (0.51 μm) Gold on contact, Gold flash on balance

= 10 μ " (0.25 μ m) Gold on contact, Matte Tin on tail

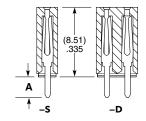
-D = Double Row





	(8.51)

STYLE	A	
-01	(2.54) .100	
-02	(4.83) .190	



Note:

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

Mouser Electronics

Authorized Distributor

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Samtec:

SMS-110-01-G-D SMS-108-01-G-S SMS-120-01-G-S SMS-102-01-G-D SMS-107-01-G-S SMS-116-01-S-D SMS-104-01-G-S SMS-105-01-G-D SMS-103-01-G-D SMS-126-01-G-S SMS-120-01-G-D SMS-119-01-G-S SMS-115-01-G-D SMS-102-01-G-S SMS-107-02-G-S SMS-107-01-S-S SMS-110-02-G-S SMS-125-01-S-D SMS-128-01-G-S SMS-116-01-G-S SMS-125-01-G-S SMS-107-01-S-D SMS-108-01-S-D SMS-103-01-G-S SMS-106-01-G-D SMS-129-01-G-D SMS-112-01-S-D SMS-116-01-S-S SMS-122-01-G-S SMS-130-01-S-D SMS-104-02-G-S SMS-106-02-G-S SMS-132-01-G-S SMS-107-02-G-D SMS-114-01-S-S SMS-108-01-G-D SMS-112-01-G-S SMS-102-01-S-S SMS-105-01-G-S SMS-112-01-G-D SMS-103-01-S-S SMS-105-01-S-D SMS-112-01-S-S SMS-118-01-S-S SMS-116-01-G-D SMS-109-01-G-S SMS-101-01-G-S SMS-125-01-G-D SMS-118-01-G-D SMS-114-01-G-S SMS-113-01-G-S SMS-114-01-S-D SMS-110-02-G-D SMS-125-01-S-S SMS-113-01-S-D SMS-113-01-G-D SMS-103-02-G-D SMS-144-01-G-S SMS-134-01-S-D SMS-106-01-G-S SMS-127-01-G-S SMS-130-01-G-D SMS-105-01-S-S SMS-106-01-S-S SMS-109-01-G-D SMS-110-01-S-D SMS-120-01-S-D SMS-123-01-G-D SMS-108-01-S-S SMS-105-01-L-S SMS-111-01-G-S SMS-124-01-S-S SMS-117-01-G-D SMS-117-01-S-D SMS-114-01-G-D SMS-110-01-S-S SMS-117-01-G-S SMS-110-01-G-S SMS-115-01-G-S SMS-105-02-G-S SMS-108-02-G-S SMS-105-02-G-D SMS-102-02-H-S SMS-121-01-L-D SMS-105-01-F-D SMS-106-02-T-D SMS-108-02-S-S SMS-108-02-T-S SMS-109-02-G-D SMS-109-02-S-D SMS-112-02-T-S SMS-115-01-F-S SMS-115-02-S-D SMS-118-01-G-S SMS-118-02-G-S SMS-118-02-S-S SMS-119-02-T-D SMS-121-01-T-D SMS-123-02-G-D SMS-125-02-T-S