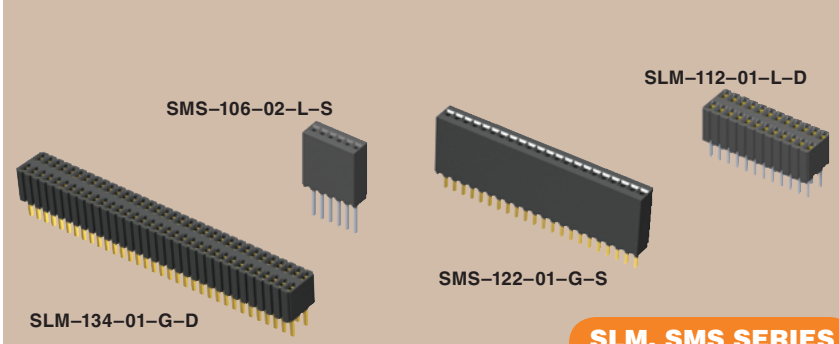
samtec



(1,27 mm) .050"

SLM, SMS SERIES

THROUGH-HOLE MICRO SOCKETS

SPECIFICATIONS

For complete specifications see www.samtec.com?SLM or 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

FILE NO. E111594

FILE NO: 090871_0_000 (SMS ONLY)

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

SLM – 1 – NO. PINS PER ROW – 01 – PLATING OPTION – ROW OPTION

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

01 thru 50

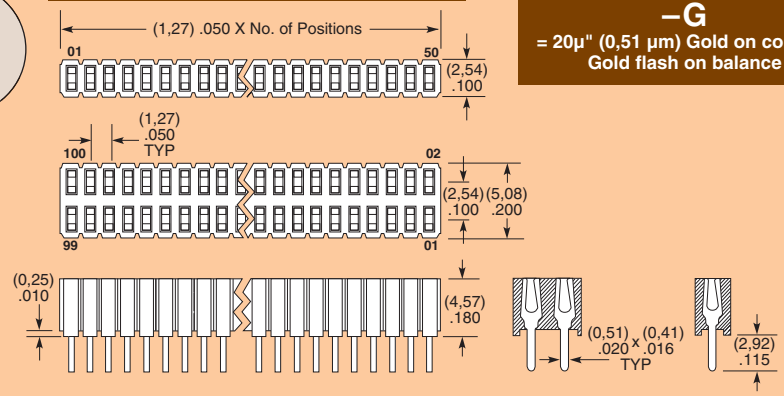
–L
= 10µ" (0,25 µm) Gold on contact, Matte Tin on tail

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

–S
= Single Row

–D
= Double Row

TIGER BUY CONTACT™



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

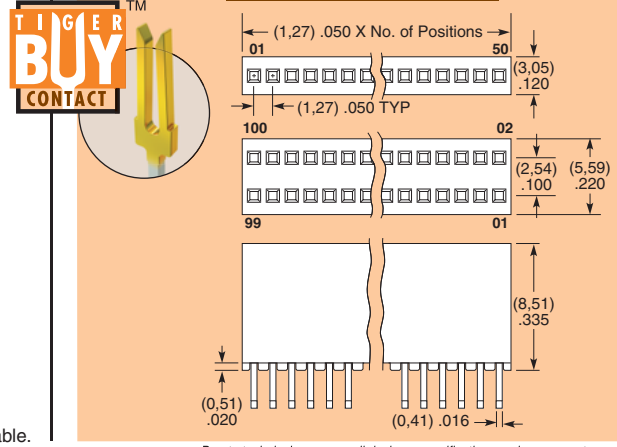
–L
= 10µ" (0,25 µm) Gold on contact, Matte Tin on tail

–G
= 10µ" (0,25 µm) Gold

–S
= Single Row

–D
= Double Row

TIGER BUY CONTACT™



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

ALSO AVAILABLE
(MOQ Required)
• Other platings
Contact Samtec.

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

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