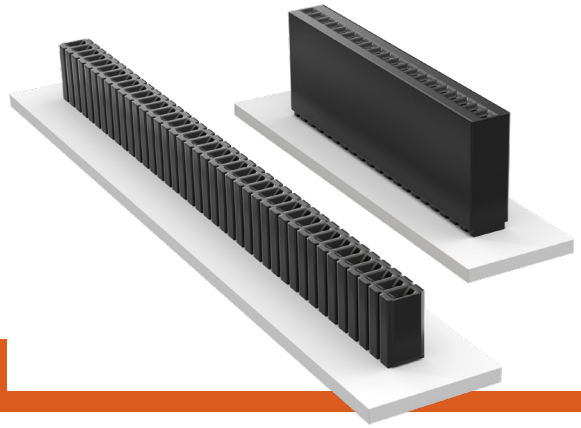
TIGER BUY™ CONTACT

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
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

SLM

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

01 thru 50

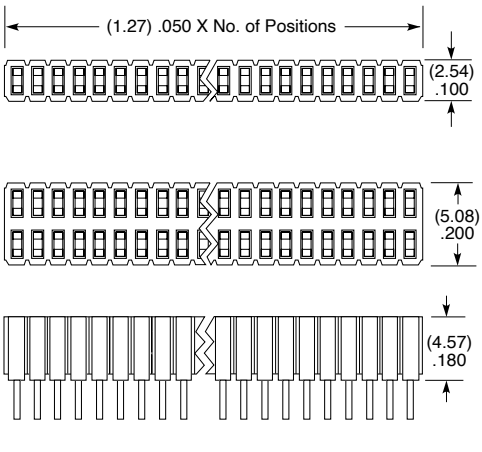
–F
= Gold flash on contact, Matte Tin on tail

–L
= 10 µ" (0.25 µm) Gold on contact, Matte Tin on tail

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

–S
= Single Row

–D
= Double Row



SMS

SMS	–	1	NO. PINS PER ROW	–	LEAD STYLE	–	PLATING OPTION	–	ROW OPTION

01 thru 50

Specify LEAD STYLE from chart

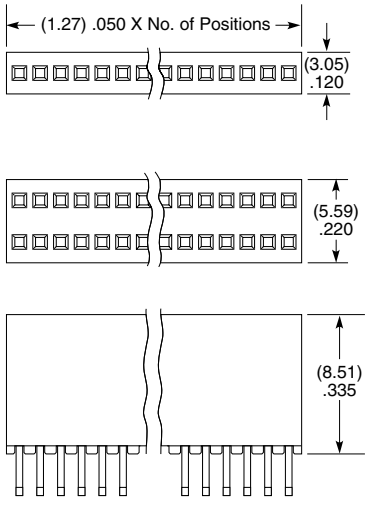
–F
= Gold flash on contact, Matte Tin on tail

–L
= 10 µ" (0.25 µm) Gold on contact, Matte Tin on tail

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

–S
= Single Row

–D
= Double Row



LEAD STYLE	A
–01	(2.54) .100
–02	(4.83) .190

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

Unless otherwise approved in writing by Samtec, all parts and components are designed and built according to Samtec's specifications which are subject to change without notice.