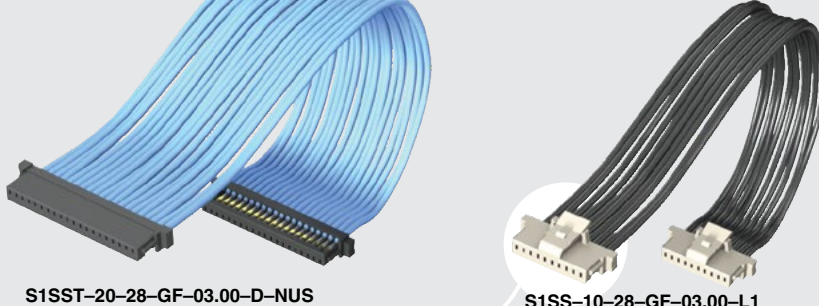


MICROMATE™

(1.00 mm) .03937"



S1SS-10-28-GF-03.00-L1

S1SS, S1SST SERIES

# MICRO SINGLE ROW CABLE SOCKET

## SPECIFICATIONS

For complete specifications see [www.samtec.com?S1SS](http://www.samtec.com?S1SS) or [www.samtec.com?S1SST](http://www.samtec.com?S1SST)

### Insulator Material:

Nylon, White (with latch)  
Black, LCP (without latch)

### Contact Material:

Phosphor Bronze

### Plating:

Au 50 μ" (1.27 μm) Ni

### Operating Temp Range

(S1SS(T)/T1M):

-10 °C to +85 °C (PVC)

-40 °C to +125 °C (Teflon® cable with -GF plated contact)

### Current Rating (28 AWG):

3.3 A per pin

(1 pin powered)

### Voltage Rating:

250 VAC/353 VDC

### Wire:

28 or 30 AWG

RoHS Compliant: Yes

\*DuPont™ Teflon® is a registered trademark of the E.I. du Pont de Nemours and Company or its affiliates.

## RECOGNITIONS

For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



## COMPONENTS

- For body, see [www.samtec.com?ISS1](http://www.samtec.com?ISS1)
- For contacts, see [www.samtec.com?CC09R](http://www.samtec.com?CC09R) or [www.samtec.com?CC09M](http://www.samtec.com?CC09M)

## APPLICATION

S1SS CABLE COLOR CODING	
PIN	COLOR
1	BROWN
2	RED
3	ORANGE
4	YELLOW
5	GREEN
6	BLUE
7	VIOLET
8	GRAY
9	WHITE
10	BLACK
ETC	REPEAT

### Notes:

Teflon® cable is intended for crimp only. Contact Samtec for solderable cable applications.

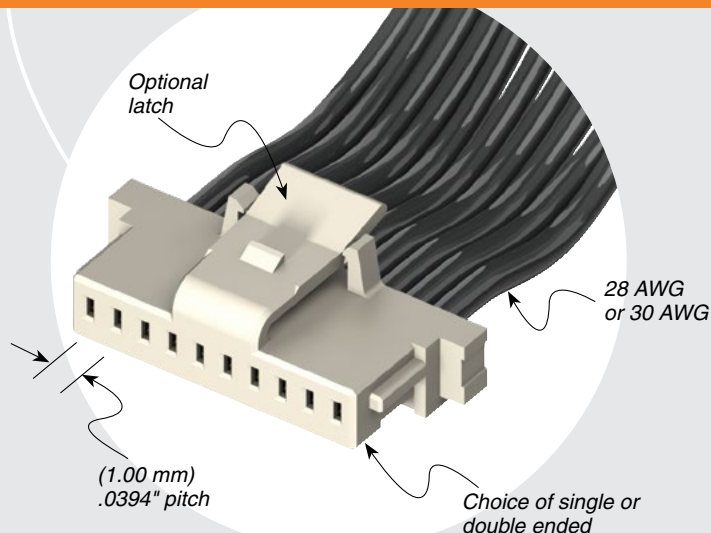
Some lengths, styles and options are non-standard, non-returnable.

### Board Mates:

T1M

### Cable Mates:

T1SS, T1PS,  
T1SST, T1PST



## ALSO AVAILABLE (MOQ REQUIRED)

- Other sizes

TYPE	NO. OF POSITIONS	WIRE GAUGE	PLATING OPTION	ASSEMBLED LENGTH	OPTION
<b>S1SS</b> = Single Row PVC Cable	<b>-02, -03, -05, -07, -10 -15, -20</b> (Standard sizes)	<b>-28</b> = 28 AWG <b>-28C</b> = 28 AWG Color Coded Cable (S1SS only) <b>-30</b> = 30 AWG <b>-30C</b> = 30 AWG Color Coded Cable (S1SS only)	<b>-GF</b> = 3 μ" (0.07 μm) Gold on contact and tail	<b>-"XX.XX"</b> = Assembled Length in Inches (45.72 mm) 01.80" min.	(Required Callout) <b>-L</b> = Single Ended With Latch <b>-L1</b> = Double Ended Latch down, straight (Pin 1 to Pin 1) <b>-L3</b> = Double Ended Latch up, straight (Pin 1 to Pin N) <b>-S</b> = Single Ended No Latch <b>-D-NUS</b> = Double Ended No Latch, "N" up, straight <b>-D-NDS</b> = Double Ended No Latch, "N" down, straight

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

[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)

All parts within this catalog are built to Samtec's specifications.

Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.