

MICROMATE™

(1.00 mm) .03937"

S1SDT-05-28-GF-03.00-L1

S1SD-10-28-GF-03.00-L1

S1SD, S1SDT SERIES

# MICRO DOUBLE ROW CABLE SOCKET

## SPECIFICATIONS

For complete specifications see [www.samtec.com?S1SD](http://www.samtec.com?S1SD) or [www.samtec.com?S1SDT](http://www.samtec.com?S1SDT)

### Insulator Material:

Natural Nylon

### Contact Material:

Phosphor Bronze

### Plating:

Au over 50 μ" (1.27 μm) Ni

### Operating Temp Range

(S1SD(T)/T1M):

-10 °C to +85 °C (PVC)

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

### Current Rating (28 AWG):

2.3 A per pin

(2 pins powered)

### Voltage Rating:

250 VAC/353 VDC

### Wire:

28 or 30 AWG

### RoHS Compliant:

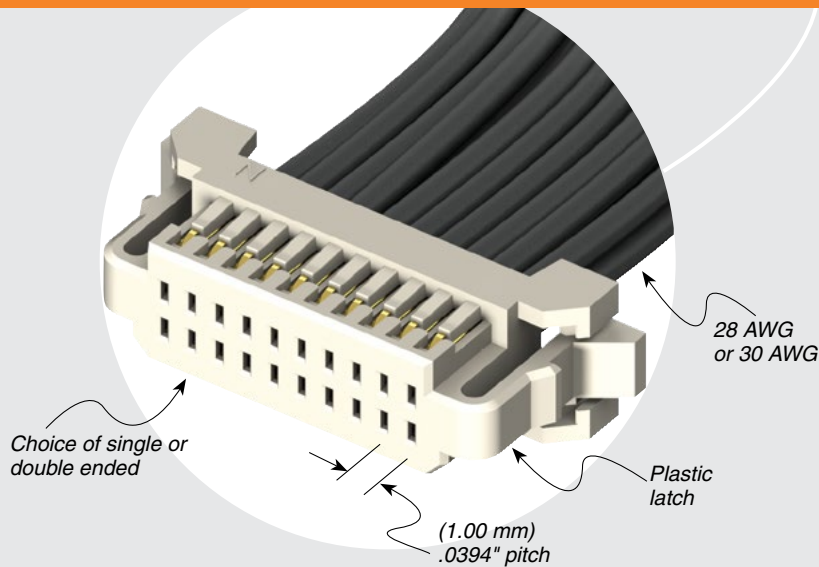
Yes

### Board Mates:

T1M

### Cable Mates:

T1SD, T1PD,  
T1SDT, T1PDT



\*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?ISD1](http://www.samtec.com?ISD1)
- For contacts, see [www.samtec.com?CC09R](http://www.samtec.com?CC09R)  
[www.samtec.com?CC09M](http://www.samtec.com?CC09M)

## ALSO AVAILABLE (MOQ Required)

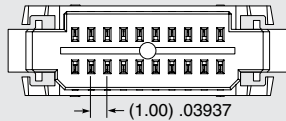
- Other sizes
- Color coded cable (\*Teflon® not available)

### Notes:

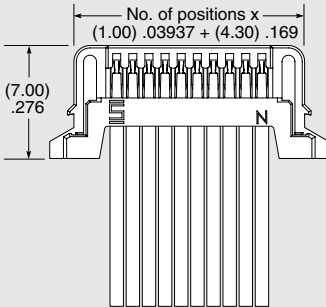
Teflon® cable is intended for crimp only. Contact Samtec for solderable cable applications.

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

TYPE STRIP	POSITIONS PER ROW	WIRE GAUGE	PLATING OPTION	ASSEMBLED LENGTH	WIRING OPTION
<b>S1SD</b> = Double Row PVC Cable  <b>S1SDT</b> = Double Row *Teflon® Cable	-02, -03 -04, -05, -10, -15, -20 (Standard sizes)	-28 = 28 AWG  -30 = 30 AWG	-GF = 3 μ" (0.07 μm) Gold on contact and tail	-"XX.XX" = Assembled Length in Inches (45.72 mm) 01.80" min.	Double Ended Assemblies -L1 = Pin 1 to Pin 1  -L2 = Pin 1 to Pin 2  -L3 = Pin 1 to Pin N  -L4 = Pin 1 to Pin N-1  Single Ended Assembly -L = Latching



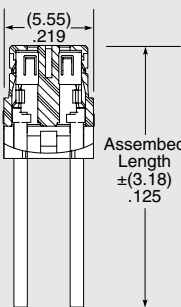
(1.00) .03937



No. of positions x (1.00) .03937 + (4.30) .169

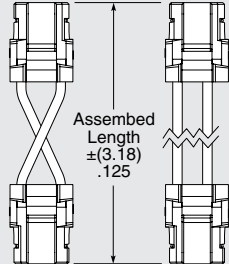
(7.00) .276

N

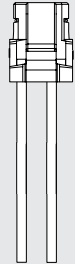


(5.55) .219

Assembled Length ±(3.18) .125



Assembled Length ±(3.18) .125



-L3
-L1
-L

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.