

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:

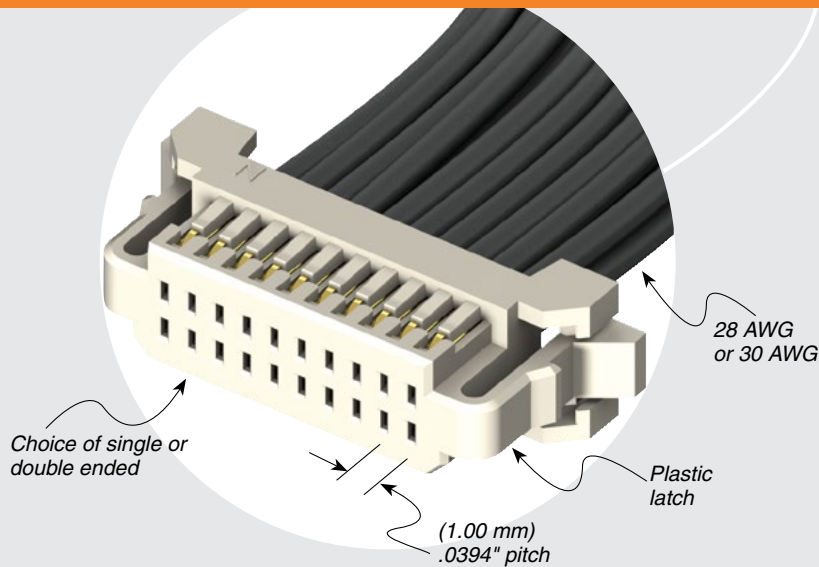
Yes

### 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)

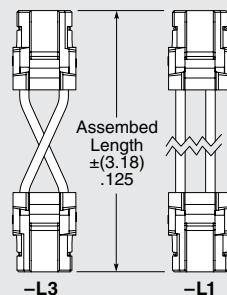
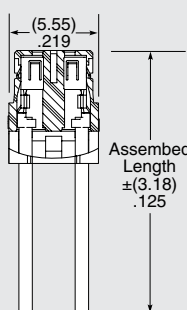
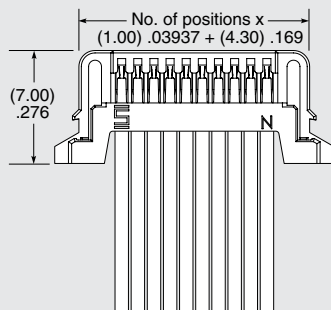
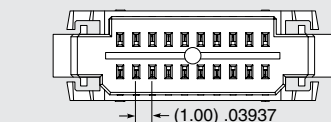
- Other sizes
- Color coded cable (\*Teflon® not available)

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



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.