

MICROMATE™



(1.00 mm) .03937"

S1SDT-05-28-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:**

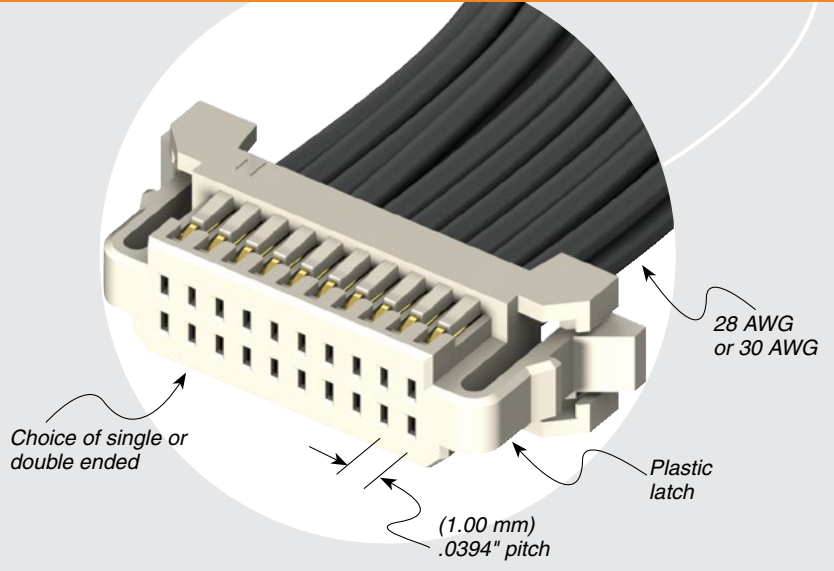
Yes

**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) or [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

Dimensions shown in drawings:  
 - Pitch: (1.00) .03937  
 - Total width: No. of positions x (1.00) .03937 + (4.30) .169  
 - Height: (7.00) .276  
 - Assembled Length: ±(3.18) .125  
 - Wire length: (5.55) .219

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.