

(1.00 mm) .03937"



S1SS-10-28-GF-03.00-L1

S1SS, S1SST SERIES

MICRO CABLE ASSEMBLY

SPECIFICATIONS

For complete specifications see www.samtec.com?S1SS or www.samtec.com?S1SST

Insulator Material:

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

Contact Material:

Phosphor Bronze

Plating:

Au 50 μ " (1.27 μ m) Ni

Operating Temp Range (S1SS/T1M):

-10 $^{\circ}$ C to +85 $^{\circ}$ C (PVC)
-40 $^{\circ}$ C to +125 $^{\circ}$ 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



COMPONENTS

- For body, see www.samtec.com?ISS1
- For contacts, see www.samtec.com?CC09R www.samtec.com?CC09M

APPLICATION

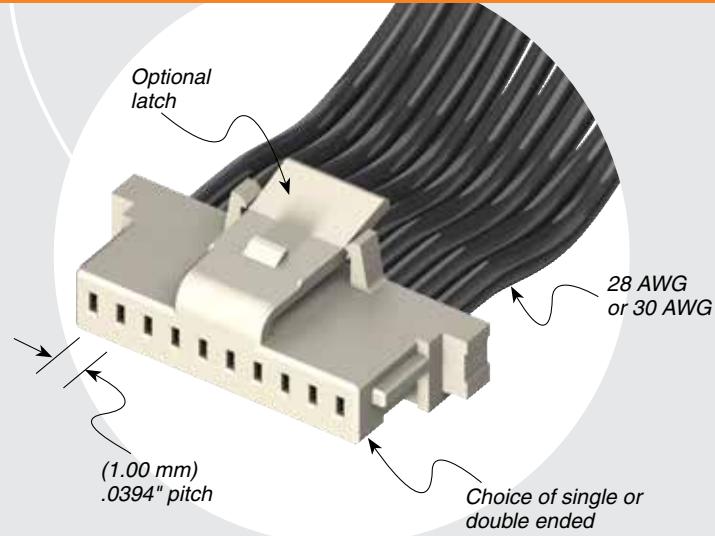
S1SS CABLE COLOR CODING	
PIN	COLOR
1	BROWN
2	RED
3	ORANGE
4	YELLOW
5	GREEN
6	BLUE
7	VIOLET
8	GRAY
9	WHITE
10	BLACK
ETC	REPEAT

Notes:

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

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

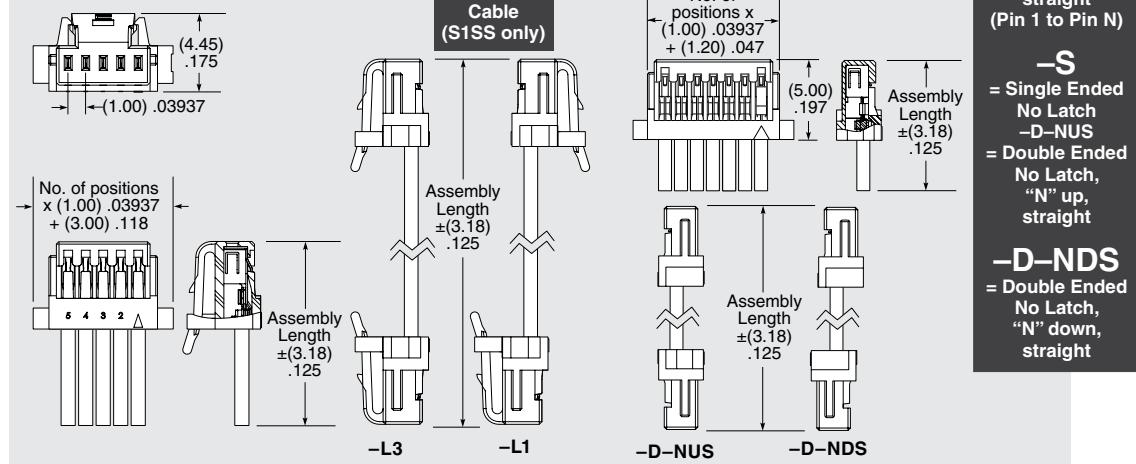
Mates with:
T1M



ALSO AVAILABLE (MOQ REQUIRED)

- Other sizes

TYPE	NO. OF POSITIONS	WIRE GAUGE	PLATING OPTION	ASSEMBLED LENGTH	OPTION
S1SS = Single Row PVC Cable	-02, -03, -05, -07, -10 -15, -20 (Standard sizes)	-28 = 28 AWG	-GF = 3 μ " (0.07 μ m) Gold on contact and tail	-"XX.XX" = Assembled Length in Inches (45.72 mm) 01.80" min.	(Required Callout)
S1SST = Single Row *Teflon [®] Cable (28 AWG only)		-28C = 28 AWG Color Coded Cable (S1SS only)	-30 = 30 AWG		-L = Single Ended With Latch



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

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.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Samtec:

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[S1SS-02-28-GF-18.00-D-NUS](#) [S1SS-02-28-GF-19.69-D-NDS](#) [S1SS-02-28-GF-23.62-D-NUS](#) [S1SS-02-28-T-24.00-S](#)
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[S1SS-03-28C-GF-01.80-L](#) [S1SS-03-28C-GF-15.00-L](#) [S1SS-03-28-GF-12.00-L1](#) [S1SS-03-28-GF-12.60-L1](#) [S1SS-03-28-T-03.93-L](#) [S1SS-03-28-T-03.93-L1](#) [S1SS-03-28-T-03.94-D-NDS](#) [S1SS-03-30C-GF-07.00-L](#) [S1SS-03-30-GF-05.00-L](#) [S1SS-03-30-T-21.65-S](#) [S1SS-04-28C-GF-03.00-S](#) [S1SS-04-28-GF-06.00-L](#) [S1SS-04-28-GF-06.00-L1](#) [S1SS-04-28-T-03.60-L](#) [S1SS-04-30-GF-35.43-L1](#) [S1SS-05-28C-GF-10.00-L1](#) [S1SS-05-28C-GF-15.00-L](#) [S1SS-05-28-GF-01.80-L1](#) [S1SS-05-28-GF-01.80-L3](#) [S1SS-05-28-GF-03.93-L](#) [S1SS-05-28-GF-16.00-L](#) [S1SS-05-28-GF-80.00-D-NDS](#) [S1SS-05-28-GF-80.00-D-NUS](#) [S1SS-05-28-T-05.00-D-NUS](#) [S1SS-05-28-T-05.00-L1](#) [S1SS-05-28-T-05.00-L3](#) [S1SS-02-30-T-02.00-D-NUS](#) [S1SS-02-30-T-12.00-D-NUS](#) [S1SS-03-28C-GF-08.27-D-NDS](#) [S1SS-03-28-GF-07.00-S](#) [S1SS-03-28-GF-08.00-S](#) [S1SS-03-28-T-02.00-D-NUS](#) [S1SS-03-28-T-08.00-D-NUS](#) [S1SS-03-30-GF-02.00-S](#) [S1SS-03-30-GF-20.00-D-NUS](#) [S1SS-04-28-T-10.00-S](#) [S1SS-04-30-GF-06.00-S](#) [S1SS-04-30-T-04.00-S](#) [S1SS-03-30-GF-05.80-S](#) [S1SS-04-28-GF-03.50-S](#) [S1SS-04-28-GF-04.00-S](#) [S1SS-04-28-GF-07.00-S](#) [S1SS-04-28-T-07.85-S](#) [S1SS-05-28-GF-01.90-D-NUS](#) [S1SS-05-28-GF-02.00-D-NDS](#) [S1SS-05-28-GF-02.50-D-NDS](#) [S1SS-05-28-GF-07.00-S](#) [S1SS-05-28-GF-08.00-D-NDS](#) [S1SS-05-28-GF-16.00-D-NUS](#) [S1SS-05-28-GF-18.00-D-NDS](#) [S1SS-05-28-GF-19.00-D-NUS](#) [S1SS-05-28-GF-40.00-S](#) [S1SS-05-28-T-06.00-S](#) [S1SS-05-28-T-07.90-D-NUS](#) [S1SS-05-28-T-08.00-D-NDS](#) [S1SS-05-30-GF-07.87-S](#) [S1SS-05-30-GF-07.90-D-NDS](#) [S1SS-05-30-T-05.00-S](#) [S1SS-05-30-T-06.00-D-NUS](#) [S1SS-06-28-GF-03.00-S](#) [S1SS-06-28-GF-04.00-D-NUS](#) [S1SS-06-30-GF-06.00-D-NUS](#) [S1SS-06-30-T-01.80-S](#) [S1SS-05-28C-GF-08.00-D-NDS](#) [S1SS-05-28C-GF-12.00-S](#) [S1SS-05-28-GF-05.12-D-NDS](#) [S1SS-05-28-GF-12.00-D-NUS](#) [S1SS-05-28-GF-19.70-D-NDS](#) [S1SS-05-28-GF-30.00-D-NUS](#) [S1SS-05-28-T-36.00-S](#) [S1SS-05-30-GF-08.27-D-NDS](#) [S1SS-05-30-GF-10.00-S](#) [S1SS-06-28-GF-02.25-D-NUS](#) [S1SS-06-28-GF-10.00-S](#) [S1SS-06-28-T-08.00-D-NDS](#)