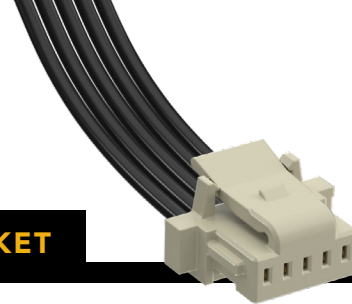


(1.00 mm) .0394" PITCH • SINGLE ROW DISCRETE WIRE SOCKET



SERIES	PINS PER ROW	WIRE GAUGE	PLATING OPTION	ASSEMBLED LENGTH	OPTION
--------	--------------	------------	----------------	------------------	--------

S1SS
= Single Row PVC Cable

S1SST
= Single Row Blue *Teflon™ Fluoropolymer Cable (28 AWG only)

-02, -03, -05, -07, -10 -15, -20
(Standard sizes)

-28
= 28 AWG

-28C
= 28 AWG Color Coded Cable (S1SS only)

-30
= 30 AWG

-30C
= 30 AWG Color Coded Cable (S1SS only)

-GF
= 3 μ" (0.07 μm) Gold on contact and tail

-"XX.XX"
= Assembled Length in Inches (45.72 mm) 01.80" min.

(Required Callout)

-L
= Single Ended With Latch

-L1
= Double Ended Latch down, straight (Pin 1 to Pin 1)

-L3
= Double Ended Latch up, straight (Pin 1 to Pin N)

-S
= Single Ended No Latch

-D-NUS
= Double Ended No Latch, "N" up, straight

-D-NDs
= Double Ended No Latch, "N" down, straight

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

S1SS(T)

Board Mates:

T1M

Cable Mates:

T1SS(T), T1PS(T)

SPECIFICATIONS

Insulator Material:

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

Contact Material:

Phosphor Bronze

Plating:

Au over 50 μ" (1.27 μm) Ni

Operating Temp Range (S1SS(T)/T1M):

-10 °C to +85 °C (PVC)
-40 °C to +125 °C

(*Teflon™ Fluoropolymer)

Current Rating (S1SST/T1M):

2.2 A per pin

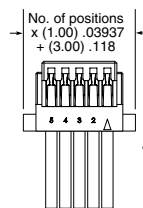
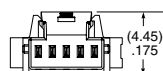
(3 adjacent pins powered)

Voltage Rating:

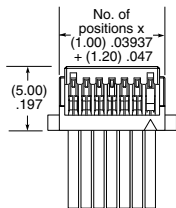
250 VAC/354 VDC

Wire:

28 or 30 AWG



LATCH (-L)



NO LATCH

View complete specifications at: samtec.com?S1SS & samtec.com?S1SST

*Teflon™ is a trademark of The Chemours Company FC, LLC used under license by Samtec.

Note:
Teflon™ Fluoropolymer cable is intended for crimp only. Contact Samtec for solderable cable applications.

SERIES	NO. OF POSITIONS	LATCH	SERIES	01	PLATING
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ISS1
= Single Row Body

-02, -03, -05, -07, -10, -15, -20

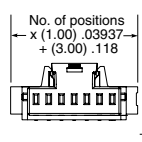
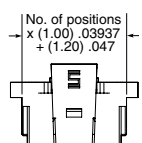
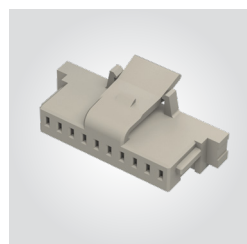
(Leave blank for no latch)

-L
= Positive Latch

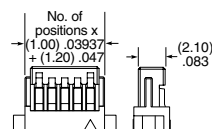
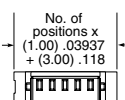
CC09R
= Contact, Full Reel (25,000 Parts per Reel)

-GF
= 3 μ" (0.07 μm) Gold contact and tail

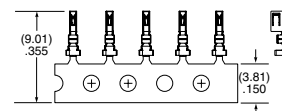
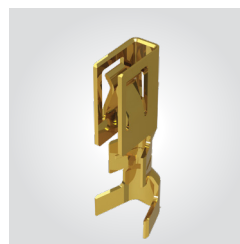
CC09M
= Contact, Mini Reel (5,000 Parts per Reel)



LATCH (-L)



NO LATCH



TOOLING

Hand Tool: CAT-HT-309-2830-12

Clamp for mounting hand tool: CAT-HT-MNT-01

Mini Applicator: CAT-MC-309-2830-XX-01

Note:

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

View complete specifications at: samtec.com?ISS1, samtec.com?CC09R & samtec.com?CC09M

Mouser Electronics

Authorized Distributor

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

[Samtec:](#)

[S1SS-02-28-T-24.00-S](#) [S1SS-02-28-T-03.93-L](#) [S1SS-02-28-T-03.94-L1](#) [S1SS-02-30-T-08.00-D-NUS](#) [S1SS-03-28-T-03.93-L](#) [S1SS-03-28-T-03.93-L1](#) [S1SS-03-28-T-03.94-D-NDS](#) [S1SS-03-30-T-21.65-S](#) [S1SS-04-28-T-03.60-L](#) [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-03-28-T-02.00-D-NUS](#) [S1SS-03-28-T-08.00-D-NUS](#) [S1SS-04-28-T-10.00-S](#) [S1SS-04-30-T-04.00-S](#) [S1SS-04-28-T-07.85-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-T-05.00-S](#) [S1SS-05-30-T-06.00-D-NUS](#) [S1SS-06-30-T-01.80-S](#) [S1SS-05-28-T-36.00-S](#) [S1SS-06-28-T-08.00-D-NDS](#) [S1SS-05-30-T-01.80-D-NUS](#) [S1SS-05-30-T-09.00-S](#) [S1SS-05-28-T-05.00-D-NDS](#) [S1SS-05-30-T-02.00-S](#) [S1SS-05-30-T-03.93-S](#) [S1SS-05-30-T-07.87-D-NUS](#) [S1SS-06-28-T-08.00-S](#) [S1SS-07-28C-T-06.00-D-NUS](#) [S1SS-07-28C-T-16.00-S](#) [S1SS-07-28-T-02.50-D-NDS](#) [S1SS-07-28-T-06.00-D-NUS](#) [S1SS-07-28-T-08.00-D-NDS](#) [S1SS-07-28-T-08.00-S](#) [S1SS-07-30-T-27.55-S](#) [S1SS-05-28-T-01.81-S](#) [S1SS-05-30C-T-03.00-S](#) [S1SS-05-30-T-04.00-D-NDS](#) [S1SS-05-30-T-05.00-D-NDS](#) [S1SS-07-28-T-05.80-S](#) [S1SS-07-28-T-80.00-S](#) [S1SS-08-28-T-10.00-D-NDS](#) [S1SS-08-28-T-14.00-D-NDS](#) [S1SS-07-28-T-01.80-D-NDS](#) [S1SS-07-28-T-12.00-S](#) [S1SS-07-30-T-02.00-D-NDS](#) [S1SS-07-30-T-02.00-S](#) [S1SS-07-30-T-02.50-D-NUS](#) [S1SS-09-28-T-04.00-D-NUS](#) [S1SS-10-28-T-01.97-D-NUS](#) [S1SS-10-28-T-02.00-D-NDS](#) [S1SS-10-28-T-02.81-S](#) [S1SS-10-28-T-18.00-D-NUS](#) [S1SS-03-30-T-02.00-S](#) [S1SS-02-28-T-03.00-D-NDS](#) [S1SS-02-28-T-03.93-S](#) [S1SS-02-28-T-07.85-S](#) [S1SS-02-30-T-01.81-S](#) [S1SS-03-28-T-03.00-D-NUS](#) [S1SS-03-28-T-05.00-D-NDS](#) [S1SS-03-28-T-08.00-D-NDS](#) [S1SS-04-28-T-01.80-S](#) [S1SS-04-28-T-15.75-S](#) [S1SS-04-30-T-04.00-D-NUS](#) [S1SS-05-28-T-04.00-D-NDS](#) [S1SS-05-28-T-10.00-D-NDS](#) [S1SS-05-28-T-02.40-S](#) [S1SS-05-28-T-02.50-S](#) [S1SS-05-28-T-03.00-D-NUS](#) [S1SS-05-28-T-18.00-D-NDS](#) [S1SS-05-30-T-12.00-S](#) [S1SS-05-30-T-16.00-D-NUS](#) [S1SS-06-28-T-02.76-D-NUS](#) [S1SS-07-28-T-01.81-S](#) [S1SS-07-28-T-09.00-S](#) [S1SS-07-28-T-12.00-D-NUS](#) [S1SS-07-28-T-16.00-S](#) [S1SS-08-28-T-02.00-D-NUS](#) [S1SS-08-28-T-03.00-S](#) [S1SS-05-28-T-02.00-S](#) [S1SS-02-28-T-02.50-S](#) [S1SS-02-28-T-03.00-D-NUS](#) [S1SS-02-28-T-06.00-S](#) [S1SS-02-28-T-07.87-S](#) [S1SS-02-28-T-06.00-D-NUS](#) [S1SS-02-28-T-12.00-S](#) [S1SS-02-28-T-20.00-D-NUS](#) [S1SS-02-30-T-39.37-S](#) [S1SS-03-28C-T-18.00-S](#) [S1SS-03-28-T-02.50-D-NUS](#) [S1SS-03-28-T-20.00-D-NUS](#) [S1SS-03-30-T-27.55-S](#) [S1SS-02-28-T-01.81-D-NDS](#)