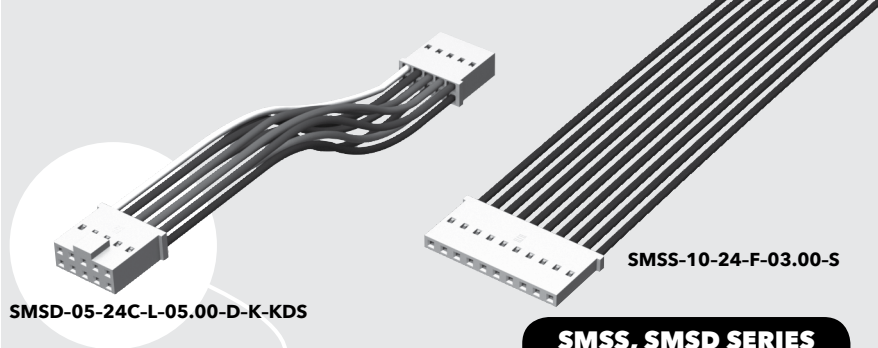


miniMATE®



(2.54 mm) .100"

SMSS, SMSS SERIES

# UNIVERSAL WIRE TO BOARD ASSEMBLY

## SPECIFICATIONS

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

**Insulator Material:**

Nylon 6/6, White  
**Contact Material:**  
Phosphor Bronze

**Plating:**

Au or Sn over  
50 μm (1.27 μm) Ni

**Operating Temp Range:**

-10 °C to +105 °C

**Current Rating (SMSSD-24/HTSS):**

4 A per pin  
(1 pin powered per row)

**Voltage Rating:**

406 VAC/574 VDC

**Insertion Depth:**

(5.33 mm) .210" to

(6.86 mm) .270"

**Wire:**

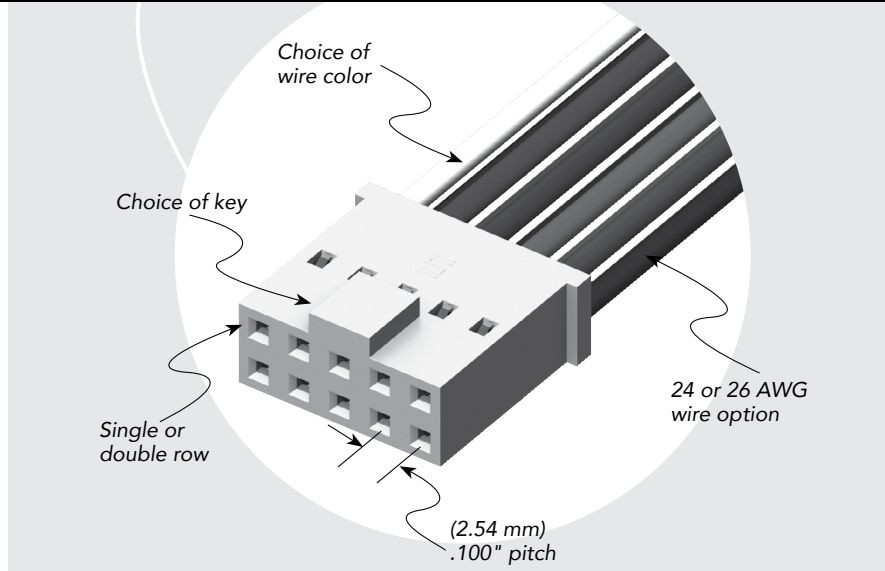
24 or 26 AWG

**RoHS Compliant:**

Yes

**Mates with:**

Any .025" (0.64 mm) SQ  
.100" x .100"  
(2.54 mm) x (2.54 mm)  
unshrouded terminal strip,  
TSW, HTSW, TSM,  
MTSW, HMTSW, PHT,  
TLW, MTLW, DW, EW,  
ZW, HW, TSSH, TSS, TST,  
HTSS, HTST, ZSS, ZST



## RECOGNITIONS

For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



## APPLICATION

-24C 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

## ALSO AVAILABLE (Contact Samtec)

- Other sizes

**Notes:**

For wiring option information refer to drawing on web.

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

TYPE	POSITIONS PER ROW	WIRE GAUGE	PLATING OPTION	ASSEMBLY LENGTH	END OPTION	K	OPTION
SMSS = Single Row	-02, -05, -10, -15, -20 (Standard sizes)	-24 -24C = Color Coded Cable  -26	-F = Gold flash on contact, Matte Tin on tail  -L = 10 μm (0.25 μm) Gold on contact, Matte Tin on tail	- "XX.XX" = Assembly Length in Inches (76.20 mm) 03.00" min.	-S = Single End  -D = Double End	-K = Key Polarization (Leave blank for no Polarization) (5 positions minimum)	(Must be used on -D end option only & applies to end 2 housing)  -KUS = Key up, straight (See print for pin mapping)  -KDS = Key down, straight (See print for pin mapping)  -KUX = Key up, crossed (See print for pin mapping)  -KDX = Key down, crossed (See print for pin mapping)