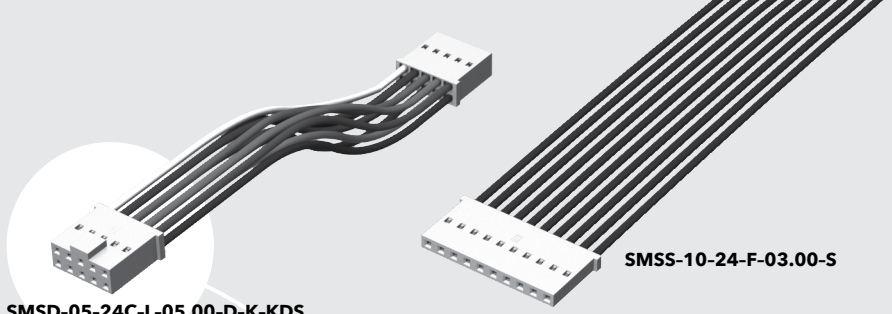
samtec

miniMATE®



(2.54 mm) .100"

SMSS, SMSD SERIES

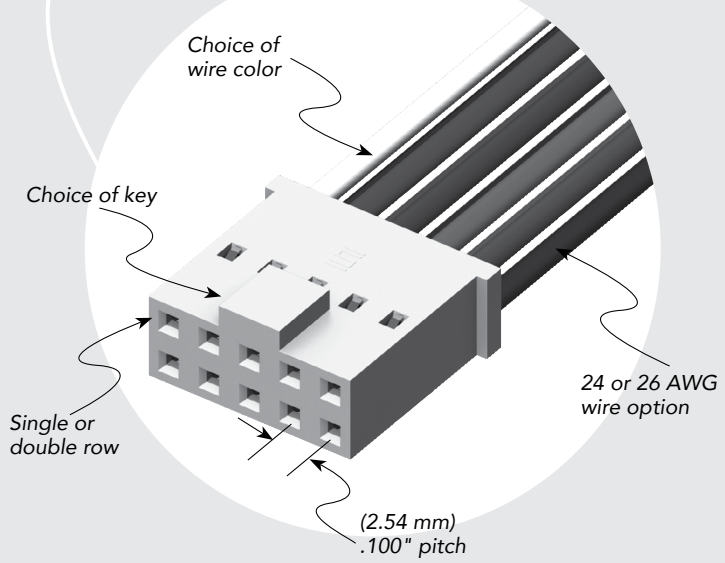
UNIVERSAL WIRE TO BOARD ASSEMBLY

SPECIFICATIONS

For complete specifications see www.samtec.com?SMSS or www.samtec.com?SMSD

Insulator Material:
Nylon 6/6, White
Contact Material:
Phosphor Bronze
Plating:
Au or Sn over
50 µ" (1.27 µm) Ni
Operating Temp Range:
-10 °C to +105 °C
Current Rating (SMSD-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

FILE NO. E111594

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

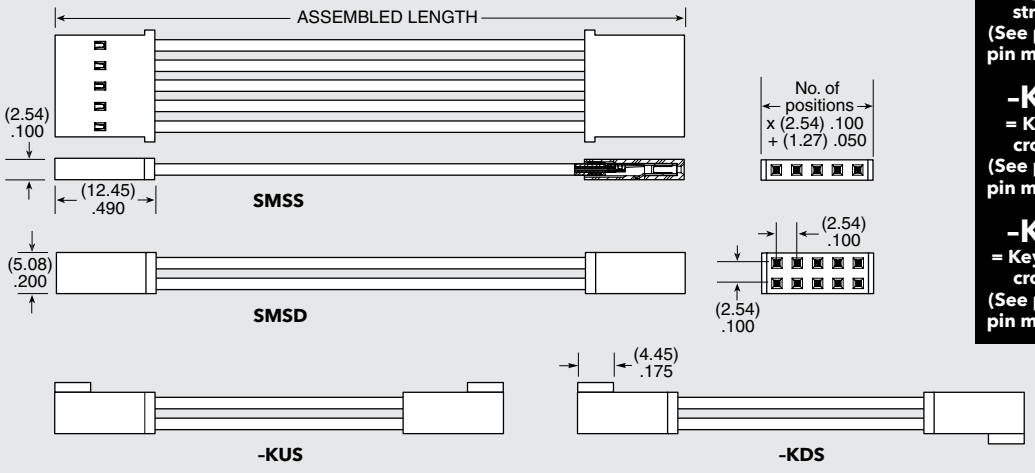
ALSO AVAILABLE
(Contact Samtec)

- 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 **SMSD** = Double 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 µ" (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)



Unless otherwise approved in writing by Samtec, all parts and components are designed and built according to Samtec's specifications which are subject to change without notice.