samtec

mini MATE®

SMSD–05–24C–L–05.00–D–K–KDS

SMSS–10–24–F–03.00–S

(2.54 mm) .100"

MINI MATE® UNIVERSAL CABLE 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:
375 VAC
Insertion Depth:
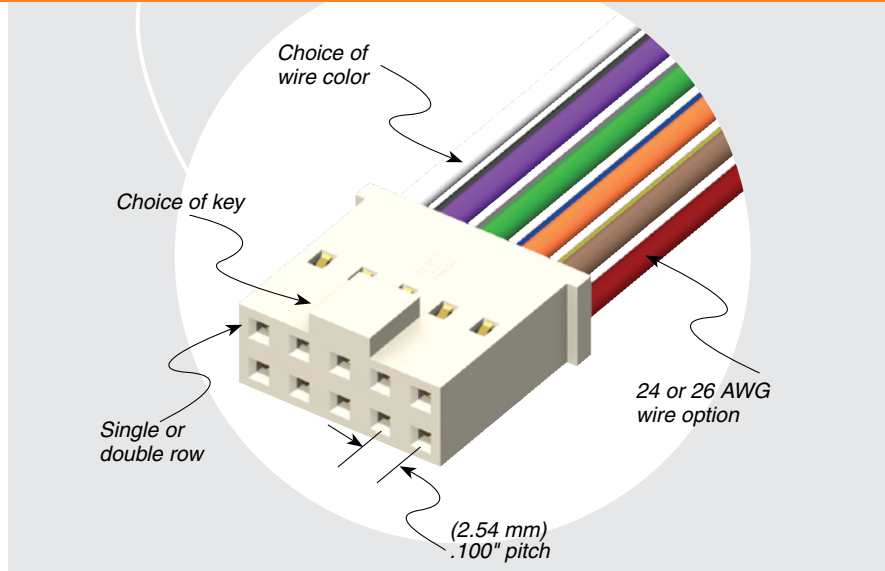(5.33 mm) .210" to
(6.86 mm) .270"
Wire:
24 or 26 AWG
RoHS Compliant:
Yes

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

Choice of wire color

Choice of key

24 or 26 AWG wire option

Single or double row

(2.54 mm) .100" pitch

RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality

UL
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
(MOQ Required)

• Other sizes
Contact Samtec.

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)

ASSEMBLED LENGTH

(2.54) .100

(12.45) .490

SMSS

No. of positions
x (2.54) .100
+ (1.27) .050

(5.08) .200

SMSD

(2.54) .100

(2.54) .100

(4.45) .175

–KUS

–KDS

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