

MMSS-10-20-L-03.25-D-K-LUS

MMSD-05-20-L-04.25-D-K-MUX

MMSD, MMSDT, MMSS, MMSST SERIES

MINI MATE® CABLE ASSEMBLY

For complete specifications
see www.samtec.com?MMSD,
www.samtec.com?MMSDT,
www.samtec.com?MMSS or
www.samtec.com?MMSST

Nylon 66

Phosphor Bronze

Plating:

Au or Sn over

50 μ'' (1.27 μm) Ni

Operating Temp Range:
-10.0°C to +125.0°C (BMC)

-10 °C to +105 °C (PVC
for 20, 22, 24, 26 AWG)

for 20, 22, 24, 26 AWG
-10 °C to +80 °C (PVC)

for 28, 30 AWG

-40 °C to +125 °C (*Teflon®)

Voltage

300 VAC

Wire:
22-22 AWG

20 to 30 AWG
RoHS Compliant

Rot
Yoo

II-ET
(Does not mate with IPT1)

MMTD(T), MMTS(T)

MMSD/IPL1	
WIRE GAUGE	CURRENT RATING (PER PIN)
20	4.8 A
22	4.3 A
24	3.9 A
26	3.5 A
28	2.6 A
30	2.1 A
2 PINS POWERED	

OTHER SOLUTIONS

- Plug Polarization

For specification, see
www.samtec.com?PK-79.

Metal or plastic latch

Single or double ended available

Wire range from
20-30 AWG

ALSO AVAILABLE
(MOQ Required)

- Other color coded cables (*Teflon® N/A)
- Other sizes/pin counts
- Other Gold platings
- Guide post

RECOGNITIONS

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



COMPONENTS

- For body, see www.samtec.com?IPD1
- For contacts, see www.samtec.com?CC79L
www.samtec.com?CC79B

APPLICATION

-20C, -24C, -28C 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.

For wiring option information
refer to drawing on web.

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

TYPE	PINS PER ROW	WIRE GAUGE	PLATING OPTION	ASSEMBLY LENGTH	END OPTION	K	LATCH OPTION
MMSD = Double Row PVC Cable MMSDT = Double Row *Teflon® Cable (20, 24, 28 & 30 AWG only) MMSS = Single Row PVC Cable MMSST = Single Row *Teflon® Cable (20, 24, 28 & 30 AWG only)	-02, -03, -04, -05, -06, -08, -10, -12, -15, -16, -20, -25 (Standard sizes) *DuPont™ Teflon® is a registered trademark of the E.I. du Pont de Nemours and Company or its affiliates.	-20 = Color Coded Cable -20C = Color Coded Cable -22 -24 -24C = Color Coded Cable -26 -28 -28C = Color Coded Cable -30	-L = 10 μm (0.25 μm) Gold on contact, Tin on tail	-“XX.XX” = Assembly Length in Inches (82.55 mm) 03.25" min.	-S = Single End -D = Double End (Latch Required)	-K = Keyed Polarization	(Metal latches for more rugged environments; -02, -05 & -10 positions only) -M = Single Ended, Metal Latches (Leave blank for plastic) Double Ended (-D) Crossed requires MMSD/MMSDT -LUS = Plastic Latch up, straight -LDS = Plastic Latch down, straight -LUX = Plastic Latch up, crossed -LDX = Plastic Latch down, crossed -MUS = Metal Latch up, straight -MDS = Metal Latch down, straight -MUX = Metal Latch up, crossed -MDX = Metal Latch down, crossed

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:

[MMSS-04-26-L-10.00-D-K-LUS](#) [MMSS-04-30-F-10.00-S-K](#) [MMSS-04-30-L-07.09-S-K](#) [MMSS-05-20C-L-04.00-S-K](#)
[MMSS-05-30-F-03.95-S-K](#) [MMSS-06-24C-L-18.00-S-K](#) [MMSS-06-24C-L-20.00-S-K](#) [MMSS-06-24-F-03.00-S-K](#)
[MMSS-06-26-L-24.00-D-K-LUS](#) [MMSS-08-20C-L-14.00-S-K](#) [MMSS-08-20C-L-60.00-D-K-LDS](#) [MMSS-08-20-F-03.00-S-K](#)
[MMSS-08-28-L-07.00-S-K](#) [MMSS-08-28-L-10.00-D-K-LUS](#) [MMSS-10-24-L-06.00-D-K-MDS](#) [MMSS-12-22-L-14.00-S-K](#)
[MMSS-15-20C-S-15.00-S-K](#) [MMSS-15-20-L-10.00-D-K-LUS](#) [MMSS-15-22-F-16.00-S-K](#) [MMSS-16-24-L-04.00-S-K](#)
[MMSS-16-28-L-07.00-D-K-LDS](#) [MMSS-20-20C-F-38.00-S-K](#) [MMSS-25-20-L-07.00-S-K](#) [MMSS-02-20C-L-04.00-S-K-M](#)
[MMSS-02-20C-L-04.72-D-K-LDS](#) [MMSS-02-20-F-04.00-S-K](#) [MMSS-02-20-L-28.50-D-K-LUS](#) [MMSS-02-20-L-30.00-D-K-LDS](#)
[MMSS-02-22-F-03.00-S-K](#) [MMSS-02-24C-F-14.00-S-K](#) [MMSS-02-24C-F-18.00-S-K](#) [MMSS-02-24-F-36.00-D-K-LUS](#)
[MMSS-02-24-L-39.37-S-K](#) [MMSS-02-26C-F-06.00-S-K](#) [MMSS-02-26C-L-16.54-D-K-LDS](#) [MMSS-02-28-L-11.80-D-K-LUS](#)
[MMSS-03-20C-L-08.00-S-K](#) [MMSS-03-24C-L-05.90-S-K](#) [MMSS-03-24C-L-16.00-D-K-LUS](#) [MMSS-03-24C-L-24.00-D-K-MDS](#)
[MMSS-03-26-F-12.00-S-K](#) [MMSS-03-26-L-03.94-D-K-LDS](#) [MMSS-03-28-L-08.00-S-K](#) [MMSS-04-20C-L-24.00-S-K](#)
[MMSS-04-20-L-11.00-S-K](#) [MMSS-04-20-L-18.00-S-K](#) [MMSS-04-24C-F-10.00-S-K-M](#) [MMSS-04-24C-L-18.00-D-K-LUS](#)
[MMSS-04-24C-L-20.00-S-K](#) [MMSS-04-24C-L-40.00-S-K](#) [MMSS-04-24-L-24.00-D-K-LDS](#) [MMSS-04-26-F-04.00-D-K-LUS](#)
[MMSS-04-28-L-04.00-S-K-M](#) [MMSS-04-28-L-04.75-D-K-LDS](#) [MMSS-05-26C-F-15.00-S-K-M](#) [MMSS-05-26-L-05.00-D-K-LUS](#)
[MMSS-05-26-L-05.90-S-K](#) [MMSS-06-20C-L-32.00-S-K](#) [MMSS-06-20C-L-79.00-S-K](#) [MMSS-06-20C-S-18.00-S-K](#)
[MMSS-06-22-L-16.00-S-K](#) [MMSS-06-24-S-12.00-D-K-LUS](#) [MMSS-04-26-L-09.00-S-K](#) [MMSS-05-20-L-06.88-S-K](#)
[MMSS-05-20-L-10.50-S-K](#) [MMSS-05-24C-L-04.00-D-K-LUS](#) [MMSS-05-24C-L-08.00-D-K-LUS](#) [MMSS-05-28-L-09.00-S-K](#)
[MMSS-05-28-L-85.00-S-K-M](#) [MMSS-06-24C-L-36.00-S-K](#) [MMSS-06-26-L-12.00-D-K-LDS](#) [MMSS-08-20-F-06.00-D-K-LDS](#)
[MMSS-08-24C-L-05.00-S-K](#) [MMSS-10-24C-L-14.00-S-K](#) [MMSS-10-24-L-07.87-S-K](#) [MMSS-12-22-L-03.00-S-K](#)
[MMSS-12-22-L-12.00-S-K](#) [MMSS-20-20C-F-13.00-S-K](#) [MMSS-25-20-L-04.00-S-K](#) [MMSS-25-20-L-24.00-S-K](#)
[MMSS-20-20-L-03.00-S-K](#) [MMSS-20-22-L-60.00-D-K-LDS](#) [MMSS-20-24C-L-08.00-D-K-LDS](#) [MMSS-20-24C-L-15.00-S-K](#)
[MMSS-06-26-F-03.00-S-K](#) [MMSS-08-20-F-36.00-S-K](#) [MMSS-08-22-L-14.00-S-K](#) [MMSS-10-20C-L-05.00-S-K](#)
[MMSS-10-22C-F-10.00-S-K](#) [MMSS-10-24-L-12.00-D-K-LUS](#) [MMSS-10-30-L-12.00-S-K](#) [MMSS-12-26-S-06.00-D-K-LUS](#)
[MMSS-15-20C-F-50.00-S-K](#) [MMSS-15-20C-F-75.00-S-K](#) [MMSS-08-28-L-12.00-D-K-LUS](#) [MMSS-10-22-F-03.00-S-K](#)
[MMSS-12-26-S-05.00-D-K-LUS](#) [MMSS-15-24C-F-18.00-D-K-LUS](#) [MMSS-15-24-L-14.00-D-K-LUS](#) [MMSS-24-24C-L-18.00-S-K](#)