

# MINI-MATE® CABLE MMSD, MMSS SERIES

## SPECIFICATIONS

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

**Insulator Material:**  
Nylon 66

**Contact Material:**  
Phosphor Bronze

**Plating:**  
Au or Sn over 50µ" (1,27µm) Ni

**Operating Temp Range:**  
-55°C to +125°C

**Voltage Rating:**  
675 VAC mated with IPL1

**Wire:**  
20 to 30 AWG



CURRENT RATING (2x3 Cluster)	
Wire Gauge	Rating
20 AWG	3.2A @ 30°C Temperature Rise
30 AWG	1.8A @ 30°C Temperature Rise

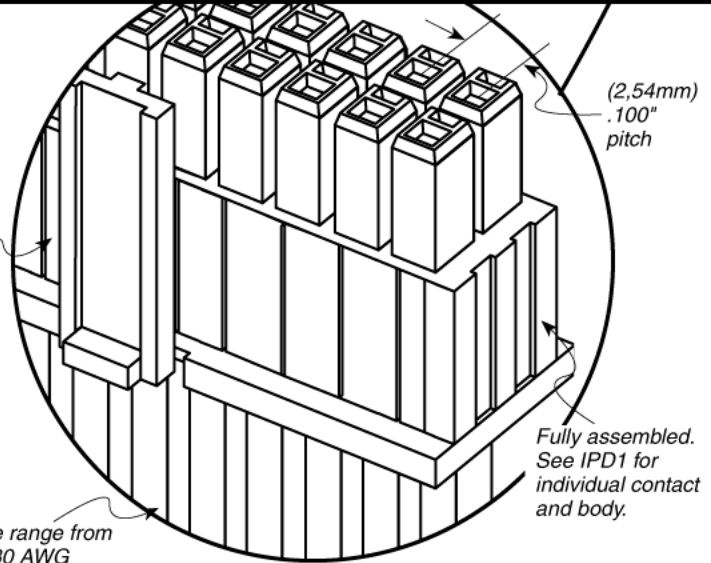
Mates with:  
IPL1 (Does not mate with IPT1)



Align & Latch™



Wire range from 20-30 AWG



Fully assembled. See IPD1 for individual contact and body.

TYPE	PINS PER ROW	WIRE GAUGE	PLATING OPTION	ASSEMBLED LENGTH	D	OPTION
<b>MMSD</b> = Double Row  <b>MMSS</b> = Single Row (05 and 10 positions only)	-05, -10, -15, -20, -25	-20 -22 -24 -26 -28 -30	<b>-F</b> = Gold flash on contact, Tin on tail  <b>-L</b> = 10µ" (0,25µm) Gold on contact, Tin on tail  <b>-S</b> = 30µ" (0,76µm) Gold on contact, Tin on tail	- "XX.XX" = Assembled Length in Inches (76,20mm) 03.00" min.	-D = Double End	(Applies to End 2 housing) <b>-LUS</b> = Latch up, straight  <b>-LDS</b> = Latch down, straight  <b>-LUX</b> = Latch up, crossed  <b>-LDX</b> = Latch down, crossed

MMSS

MMSD

-D-LUS

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

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

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