

## (2.54 mm) .100" PITCH • DISCRETE WIRE CABLE & COMPONENTS

### **SERIES**

# PINS PER ROW

## WIRE GAUGE

-20

-20C

= Color

Coded Cable

(MMSD &

MMSS only)

-22, -24

-24C

= Color Coded Cable

(MMSD &

MMSS only)

-26, -28

-28C

= Color

Coded Cable

# ASSEMBLY LENGTH

## OPTION

## LATCH OPTION

## **MMSD**

= Double Row PVC Cable

#### **MMSDT**

= Double Row Blue \*Teflon™ Fluoropolymer Cable (20, 24, 28, 30 AWG only)

#### **MMSS**

= Single Row PVC Cable

## **MMSST**

= Single Row Blue \*Teflon™ Fluoropolymer Cable (20, 24, 28, 30 AWG)

### MMSD, MMSDT, MMSS, MMSST

**Board Mates:** 

(Does not mate with IPT1)

### Cable Mates:

-02, -03,

-04, -05,

-06, -08,

-10, -12,

-15, -16,

-20, -25

(Standard sizes)

#### (MMSD & MMSS only) -30

## -"XX.XX"

= Gold flash on contact. Tin on tail

PLATING

OPTION

-F

= 10 µ" (0.25 µm) Gold on contact, Tin on tail

# = Assembly

Length in Inches (82.55 mm) 03.25" min.

CABLE COLOR

CODING

COLOR

**BROWN** 

RED

ORANGE

YFLLOW

**GRFFN** 

BLUE

VIOLET

GRAY

WHITE

BLACK

REPEAT

PIN

4

5

6

8

10

ETC

Single Ended

-K Keyed Polarization

-D = Double Ended (Latch Required)

-S

(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

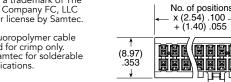
## MMTD(T), MMTS(T)

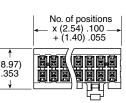
## **SPECIFICATIONS**

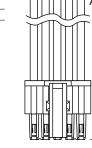
Insulator Material: Nvlon 66 Contact Material: Contact Material:
Phosphor Bronze
Plating: Au or Sn over
50 µ" (1.27 µm) Ni
Operating Temp Range:
-10 °C to +80 °C (PVC)
-40 °C to +125 °C (\*Teflon")
Current Rating:
4 & A (2 pins powered) 4.8 A (2 pins powered)
Voltage Rating:
275 VAC/389 VDC

\*Teflon $^{\text{™}}$  is a trademark of The Chemours Company FC, LLC used under license by Samtec.

Teflon™ Fluoropolymer cable is intended for crimp only. Contact Samtec for solderable cable applications.







View complete specifications at: samtec.com?MMSD, samtec.com?MMSDT, samtec.com?MMSST

## IPD1

#### **POSITIONS PER ROW**

-02, -03, -04,-05, -06, -08, -10, -12, -15,

-16, -20, -25 (Standard sizes)

-S

**ROW** 

**OPTION** 

Row -D = Double Row

= Single

# OPTION

-K

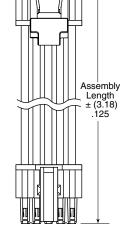
= Keyed

Polarization

-M = Metal Latch

(Metal for more rugged environments) (-02, -05 & -10 positions only)

(Leave blank for plastic latch)



## **SERIES**

## **GAUGE**

#### PLATING 01 **OPTION**

## CC79L

= Contact, Loose

CC79R = Contact, Full Reel (12,000 Parts per Reel)

-2630 = 26 to 30 AWG

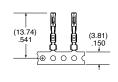
-2024 = 20 to 24 AWG = Gold flash on contact, Tin on tail

> = 10 µ" (0.25 µm) Gold on contact. Tin on tail











# -S



#### **TOOLING**

Hand Tool: CAT-HT-179-2030-13 (20-30 AWG)

Mini Applicator: CAT-MC-179-2024-XX-01 (20-24 AWG) Mini Applicator: CAT-MC-179-2630 XX-01 (26-30 AWG) Extraction Tool: CAT-EX-179-01

View complete specifications at: samtec.com?IPD1, samtec.com?CC79L & samtec.com?CC79R

**Note:** Some lengths,

options are non-standard,

styles and