



## (5.00 mm) .1969" PITCH • 30 A CABLE ASSEMBLY/COMPONENTS

MPSS	NO. OF POSITIONS	WIRE GAUGE	PLATING OPTION	ASSEMBLED LENGTH	END 1 OPTION	END 2 OPTION
------	------------------	------------	----------------	------------------	--------------	--------------

-02, -03,  
-04, -06, -08

-14  
-16

-L  
= 10 μ" (0.25 μm)  
Gold on contact  
  
-T  
= Matte Tin

-"XX.XX"  
= Wire length in  
inches (83.00 mm)  
03.25" min.

-SR  
= Single End  
  
-DR  
= Double End

(Available with -DR only)

-NUS  
= Notch up, straight  
  
-NDS  
= Notch down, straight

### MPSS

Board Mates:

MPT

### SPECIFICATIONS

**Insulator Material:**

Nylon 6/6

**Contact Material:**

Copper Alloy

**Plating:**

Au or Sn over

50 μ" (1.27 μm) Ni

**Latch:**

Nylon 6/6

**Operating Temp Range:**

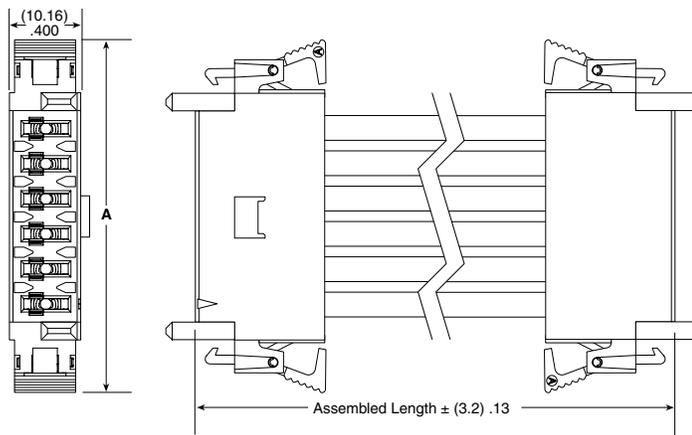
-30 °C to +105 °C

**Voltage Rating:**

600 VAC/848 VDC

**Wire:**

14 or 16 AWG



NO. OF POSITIONS	A
-02	(30.07) 1.184
-03	(35.07) 1.381
-04	(40.08) 1.578
-06	(50.09) 1.972
-08	(60.10) 2.366

MPSS/MPT-V	
WIRE GAUGE	CURRENT RATING (PER PIN)
14 AWG	19.7 A
16 AWG	15.9 A
1 PIN POWERED	

View complete specifications at: [samtec.com?MPSS](http://samtec.com?MPSS)

IMS5	POSITIONS PER ROW	02	SERIES	WIRE GAUGE	01	PLATING OPTION
------	-------------------	----	--------	------------	----	----------------

-02, -03, -04, -06, -08

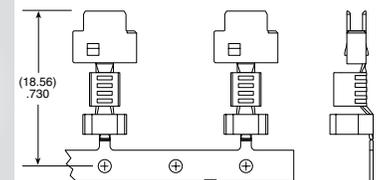
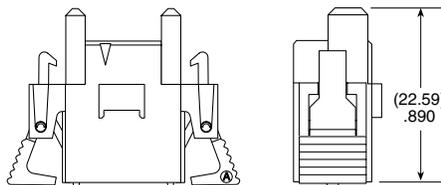
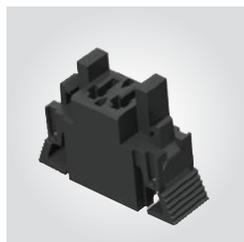
**CC46L**  
= Contact, Loose

-1416  
= 14 to 16 AWG

-L  
= 10 μ" (0.25 μm)  
Gold on contact

**CC46R**  
= Contact, Full Reel

-T  
= Matte Tin



### TOOLING

Hand Tool: CAT-HT-246-1416-14 (14-16 AWG)

Mini Applicator: CAT-MC-246-1416-XX-02 (14-16 AWG)

Extraction Tool: CAT-EX-MPSS-01

**Note:**

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

View complete specifications at: [samtec.com?IMS5](http://samtec.com?IMS5), [samtec.com?CC46L](http://samtec.com?CC46L) & [samtec.com?CC46R](http://samtec.com?CC46R)

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Rectangular Cable Assemblies](#) category:*

*Click to view products by [Samtec](#) manufacturer:*

Other Similar products are found below :

[MC320E-N-23](#) [A08KR08KR26E203B](#) [G125FC10668L0-0300L](#) [G125FC10668L0-0150L](#) [G125-FC11068L0-0150L](#) [G125-FC11068L0-0300L](#)  
[A06XAF06XAF22K254B](#) [A10XAF10XAF22K152B](#) [A13KR13KR26E254B](#) [A12SUR12SUR32W203A](#) [A16KR16KR26E203B](#)  
[A12KR12KR26E305A](#) [A12KR12KR26E305B](#) [A12ZR12ZR28H203B](#) [A12ZR12ZR28H203A](#) [A10SR10SR30K254A](#) [A09SR09SR30K305A](#)  
[A14KR14KR26E254A](#) [A14KR14KR26E254B](#) [A10ZR10ZR28H254A](#) [A09ZR09ZR28H305A](#) [A09ZR09ZR28H305B](#) [A13ZR13ZR28H203A](#)  
[A15KR15KR26E254A](#) [A13KR13KR26E305B](#) [A11ZR11ZR28H254A](#) [A11ZR11ZR28H254B](#) [A11SR11SR30K254A](#)  
[A12SUR12SUR32W254A](#) [A10ZR10ZR28H305A](#) [A14KR14KR26E305B](#) [A10ZR10ZR28H305B](#) [A12ZR12ZR28H254A](#)  
[A15KR15KR26E305A](#) [A15KR15KR26E305B](#) [A11SR11SR30K305A](#) [A11ZR11ZR28H305A](#) [A11ZR11ZR28H305B](#) [A13ZR13ZR28H254A](#)  
[A12SUR12SUR32W305A](#) [A12ZR12ZR28H305A](#) [A12ZR12ZR28H305B](#) [A20XAF20XAF22K51B](#) [A13ZR13ZR28H305A](#)  
[A20XAF20XAF22K102B](#) [A20XAF20XAF22K152B](#) [A20XAF20XAF22K203B](#) [A20XAF20XAF22K254B](#) [A20XAF20XAF22K305B](#)  
[A16XSR16XSR36R254B](#)