



(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,<br>-04, -06, -08 | -14<br>-16 | -L<br>= 10 $\mu$ " (0.25 $\mu$ m)<br>Gold on contact<br><br>-T<br>= Matte Tin | - "XX.XX"<br>= Wire length in inches (83.00 mm)<br>03.25" min. | -SR<br>= Single End<br><br>-DR<br>= Double End | (Available with -DR only)<br><br>-NUS<br>= Notch up, straight<br><br>-NDS<br>= Notch down, straight |

## MPSS

Board Mates:

MPT

### SPECIFICATIONS

**Insulator Material:**

Nylon 6/6

**Contact Material:**

Copper Alloy

**Plating:**

Au or Sn over

50  $\mu$ " (1.27  $\mu$ m) Ni

**Latch:**

Nylon 6/6

**Operating Temp Range:**

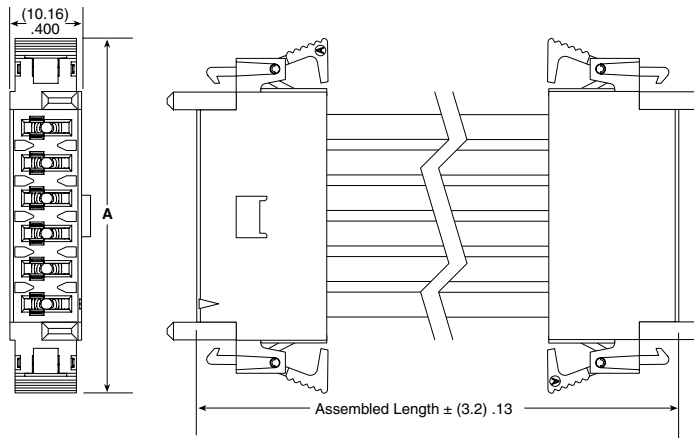
-30 °C to +105 °C

**Voltage Rating:**

600 VAC/848 VDC

**Wire:**

14 or 16 AWG

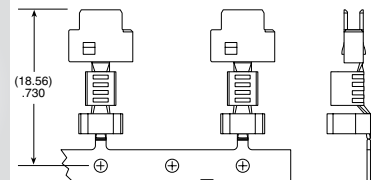
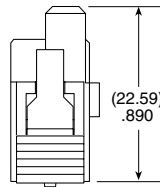
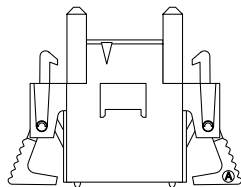
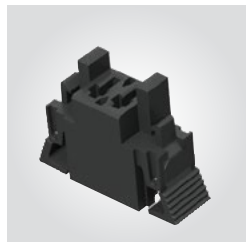


| NO. OF POSITIONS | A             |
|------------------|---------------|
| -02              | (30.07) 1.184 |
| -03              | (35.07) 1.381 |
| -04              | (40.08) 1.578 |
| -06              | (50.09) 1.972 |
| -08              | (60.10) 2.366 |

| 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<br>= Contact, Loose | -1416<br>= 14 to 16 AWG |    | -L<br>= 10 $\mu$ " (0.25 $\mu$ m)<br>Gold on contact<br><br>-T<br>= 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)

# Mouser Electronics

Authorized Distributor

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