

(5.00 mm) .1969"

MPSS-02-16-L-03.25-SR

MPSS-08-16-L-03.25-DR-NUS

**MPSS SERIES**

# POWERSTRIP<sup>™</sup>/30 CABLE ASSEMBLY

## SPECIFICATIONS

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

**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

**RoHS Compliant:**

Yes

Mates with:

MPT

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

**RUGGEDIZED**  
BY SAMTEC

• Positive latching

Dual leaf blade contacts

Positive latching system

(5.00 mm)  
.1969"  
pitch

Polarized Guide Posts

## RECOGNITIONS

For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



## COMPONENTS

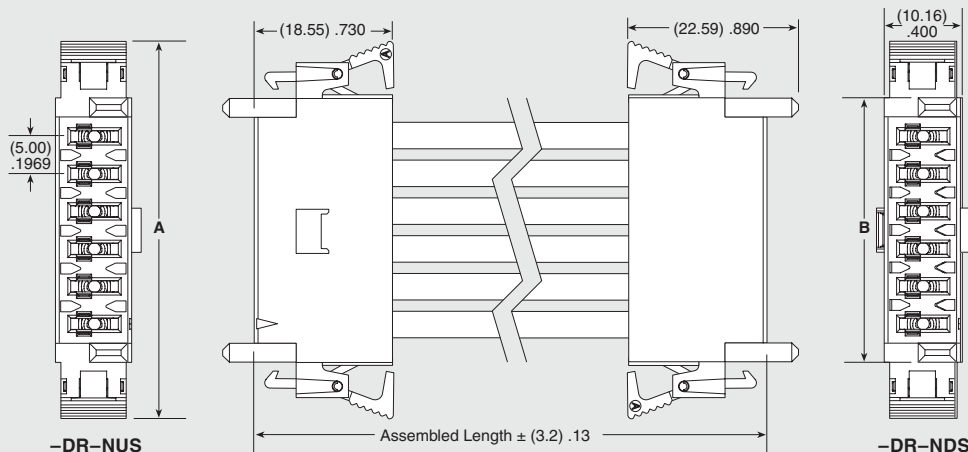
- For body, see [www.samtec.com?IMS5](http://www.samtec.com?IMS5)
- For contacts, see [www.samtec.com?CC46L](http://www.samtec.com?CC46L)  
[www.samtec.com?CC46R](http://www.samtec.com?CC46R)

**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

| NO. OF POSITIONS | A             | B             |
|------------------|---------------|---------------|
| -02              | (30.07) 1.184 | (15.27) .601  |
| -03              | (35.07) 1.381 | (20.26) .798  |
| -04              | (40.08) 1.578 | (25.25) .994  |
| -06              | (50.09) 1.972 | (35.26) 1.388 |
| -08              | (60.10) 2.366 | (45.26) 1.782 |



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

[WWW.SAMTEC.COM](http://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.