

PESS-08-12-L-06.00-SR

PESS-04-10-L-06.00-SR

(6.35 mm) .250"

PESS SERIES

# POWERSTRIP<sup>™</sup>/40 CABLE ASSEMBLY

## SPECIFICATIONS

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

### Insulator Material:

Nylon Black

### Contact Material:

Copper Alloy

### Plating:

Sn or Au over  
50  $\mu$ " (1.27  $\mu$ m) Ni

### Latch:

Nylon Black

### Operating Temp Range:

-30 °C to +105 °C

### Voltage Rating:

600 VAC

846 VDC

### Wire:

10 or 12 AWG

### RoHS Compliant:

Yes

Mates with:  
**PET**

| PESS/PET      |                          |
|---------------|--------------------------|
| WIRE GAUGE    | CURRENT RATING (PER PIN) |
| 10 AWG        | 34.5 A                   |
| 12 AWG        | 29.7 A                   |
| 1 PIN POWERED |                          |

**RUGGEDIZED**  
BY SAMTEC

• Positive latching

Dual leaf  
blade  
contacts

10 or 12 AWG  
discrete wire  
cable

Positive  
latching system

(6.35 mm)  
.250" pitch

## RECOGNITIONS

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



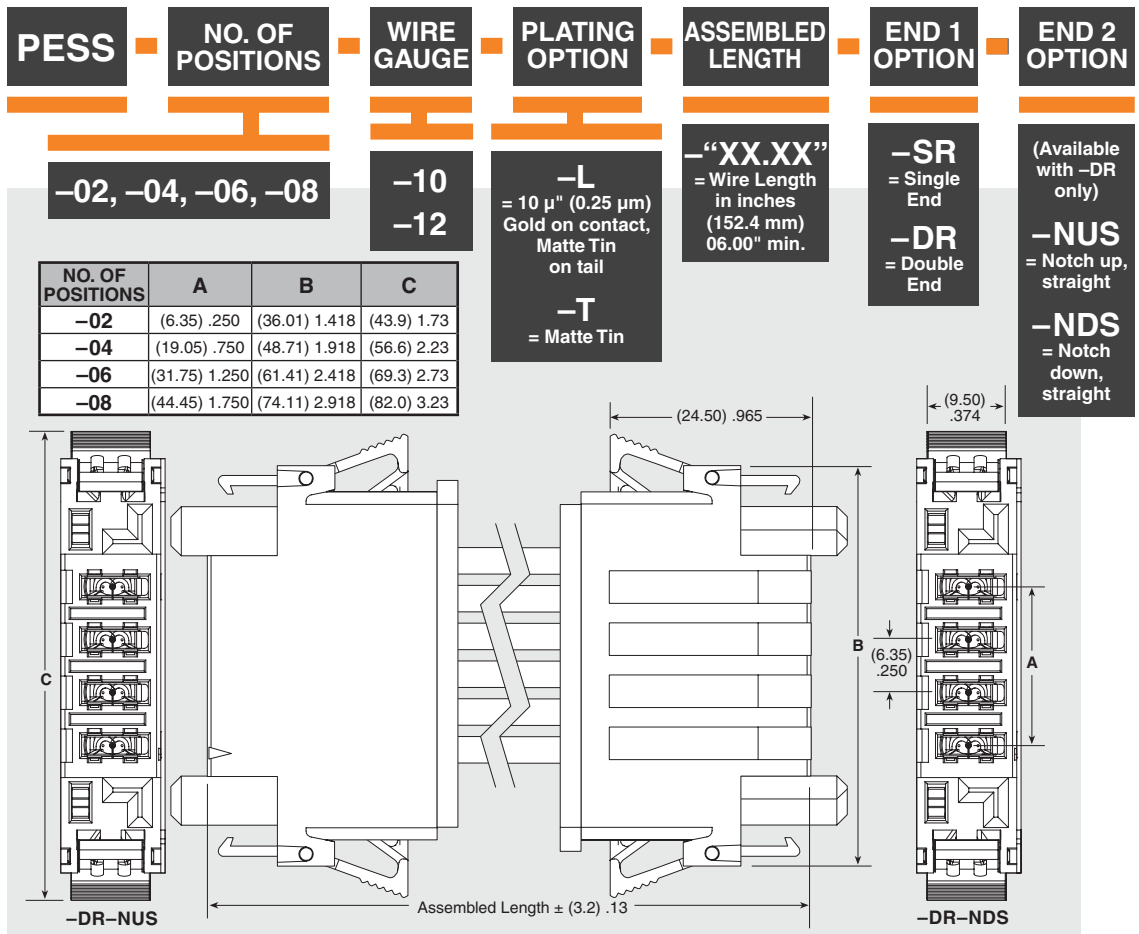
## COMPONENTS

- For body, see  
[www.samtec.com?IPS6](http://www.samtec.com?IPS6)
- For contacts, see  
[www.samtec.com?CC10L](http://www.samtec.com?CC10L)  
[www.samtec.com?CC10R](http://www.samtec.com?CC10R)

## ALSO AVAILABLE (MOQ Required)

- Other platings

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



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.