

(6,35 mm) .250"

PESS SERIES

# POWERSTRIP™/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

50µ" (1,27 µm) 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	



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)



PESS

NO. OF POSITIONS

WIRE GAUGE

PLATING OPTION

ASSEMBLED LENGTH

END 1 OPTION

END 2 OPTION

-02, -04, -06, -08

-10  
-12

-L  
= 10µ" (0,25µm)  
Gold on contact,  
Matte Tin on tail

-T  
= Matte Tin

"XX.XX"  
= Wire Length in inches  
(152,4mm)  
06.00" min.

-SR  
= Single End

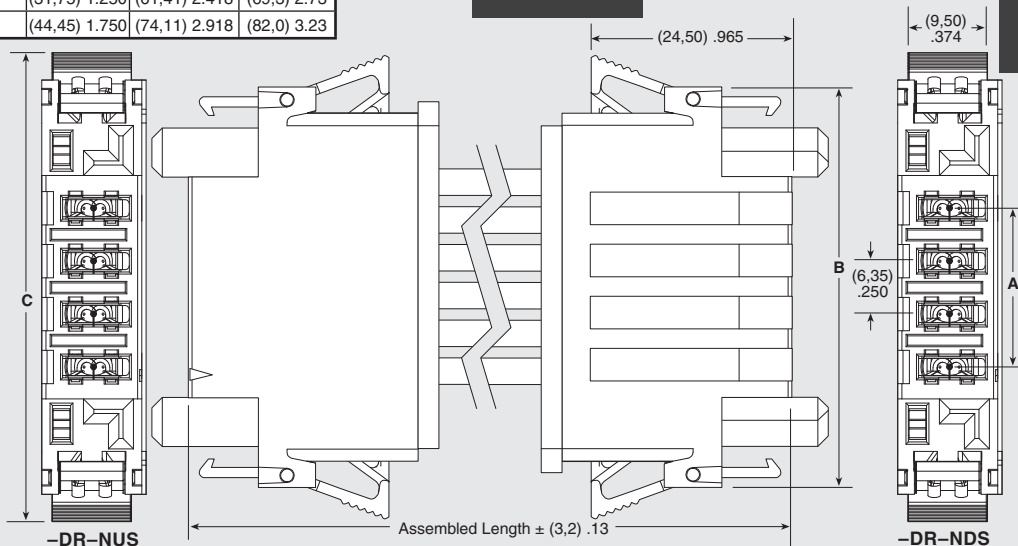
-DR  
= Double End

(Available with -DR only)

-NUS  
= Notch up, straight

-NDS  
= Notch down, straight

NO. OF POSITIONS	A	B	C
-02	(6,35) .250	(36,01) 1.418	(43,9) 1.73
-04	(19,05) .750	(48,71) 1.918	(56,6) 2.23
-06	(31,75) 1.250	(61,41) 2.418	(69,3) 2.73
-08	(44,45) 1.750	(74,11) 2.918	(82,0) 3.23



## ALSO AVAILABLE (MOQ Required)

- Other platings
- Contact Samtec.

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