

PESS-08-12-L-06.00-SR

PESS-04-10-L-06.00-SR

(6.35 mm) .250"

PESS SERIES

POWERSTRIP[™]/40 CABLE ASSEMBLY

SPECIFICATIONS

For complete specifications
see www.samtec.com?PESS

Insulator Material:

Nylon Black

Contact Material:

Copper Alloy

Plating:

Sn or Au over

50 μ m (1.27 μ 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



COMPONENTS

- For body, see
www.samtec.com?IPS6
- For contacts, see
www.samtec.com?CC10L
www.samtec.com?CC10R

ALSO AVAILABLE (MOQ Required)

- Other platings

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

PESS

NO. OF POSITIONS

WIRE GAUGE

PLATING OPTION

ASSEMBLED LENGTH

END 1 OPTION

END 2 OPTION

-02, -04, -06, -08

-10

-12

-L

= 10 μ" (0.25 μm)

Gold on contact,

Matte Tin

on tail

-T

= Matte Tin

–“XX.XX”

= Wire Length

in inches

(152.4 mm)

06.00" min.

–SR

= Single

End

–DR

= Double

End

(Available with –DR only)

–NUS

= Notch up,

straight

–NDS

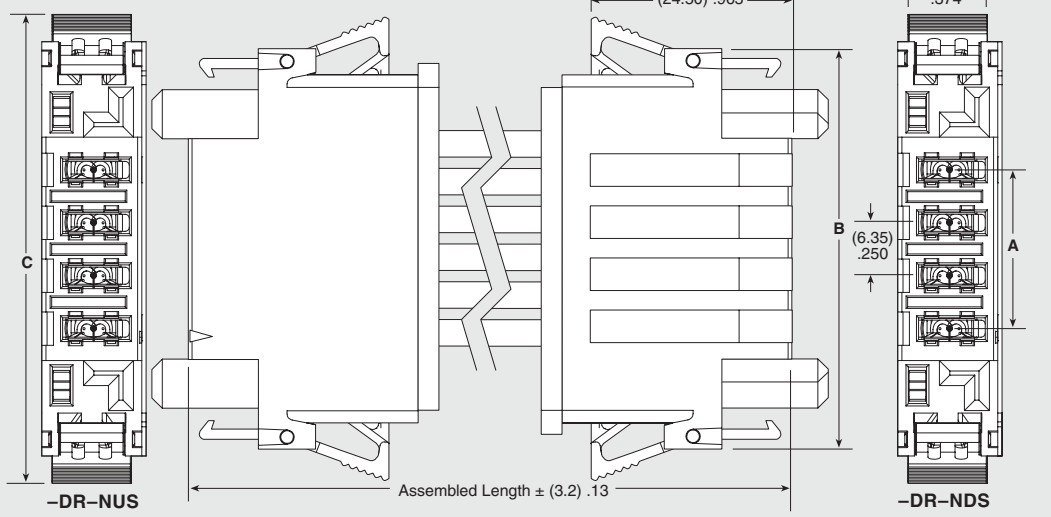
= Notch down,

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

(9.50)

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



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

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.