POWER™ STRIP ⚡40

(6.35 mm) .250" PITCH • 40 A CABLE ASSEMBLY/COMPONENTS

| PESS | — | NO. OF POSITIONS | — | WIRE GAUGE | — | PLATING OPTION | — | ASSEMBLED LENGTH | — | END 1 OPTION | — | END 2 OPTION |

NO. OF POSITIONS
–02, –04, –06, –08

WIRE GAUGE
–10
–12

PLATING OPTION
–L
= 10 µ" (0.25 µm) Gold on contact, Matte Tin on tail

–T
= Matte Tin on tail

ASSEMBLED LENGTH
–"XX.XX"
= Wire length in inches (152.4 mm) 06.00" min.

END 1 OPTION
–SR
= Single End

–DR
= Double End

END 2 OPTION
(Available with -DR only)

–NUS
= Notch up, straight
(Available with -DR only)

–NDS
= Notch down, straight

PESS
Board Mates:
PET

SPECIFICATIONS

Insulator Material:
Nylon Black
Contact Material:
Copper Alloy
Plating:
Sn or Au over
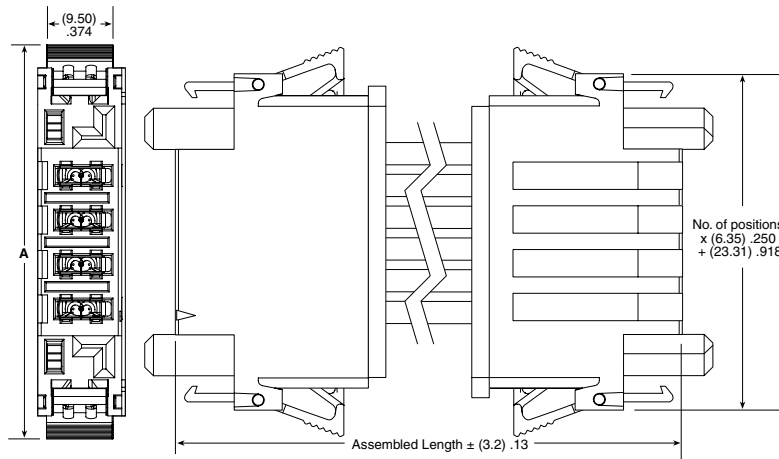50 µ" (1.27 µm) Ni
Operating Temp Range:
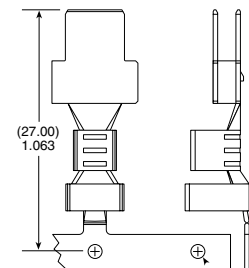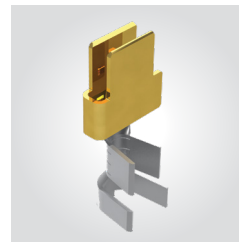-30 °C to +105 °C
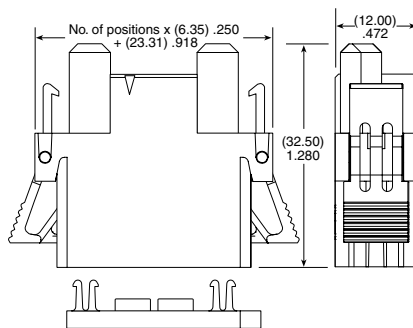**Voltage Rating:**
450 VAC/636 VDC
Wire:
10 or 12 AWG

(9.50) .374

No. of positions x (6.35) .250 + (23.31) .918

Assembled Length ± (3.2) .13
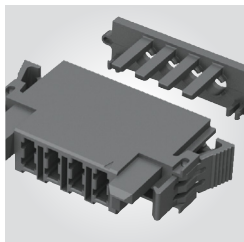
NO. OF POSITIONS	A
–02	(43.9) 1.73
–04	(56.6) 2.23
–06	(69.3) 2.73
–08	(82.0) 3.23

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

View complete specifications at: **samtec.com?PESS**

| IPS6 | — | POSITIONS PER ROW | — | 01 | — | LATCH | | SERIES | — | WIRE GAUGE | — | PLATING OPTION |

POSITIONS PER ROW
–02, –04, –06, –08

LATCH
–L
= Latch

SERIES
CC10R
= Contact, Full Reel

CC10L
= Contact, Loose

WIRE GAUGE
–1012
= 10 to 12 AWG

PLATING OPTION
–L
= 10 µ" (0.25 µm) Gold on contact, Matte Tin on tail

–T
= Matte Tin on tail

No. of positions x (6.35) .250 + (23.31) .918

(12.00) .472

(32.50) 1.280

(27.00) 1.063

TOOLING

Hand Tool: CAT-HT-310-1012-14

Mini Applicator: CAT-MC-310-1012-XX-02

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

View complete specifications at: **samtec.com?IPS6**, **samtec.com?CC10L** & **samtec.com?CC10R**

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[PESS-02-10-L-16.00-SR](#) [PESS-02-10-L-40.00-DR-NUS](#) [PESS-02-10-L-48.00-SR](#) [PESS-02-10-L-22.00-SR](#) [PESS-02-10-S-20.00-DR-NUS](#) [PESS-02-10-S-80.00-DR-NDS](#) [PESS-02-10-L-36.00-DR-NUS](#) [PESS-02-10-T-10.00-SR](#) [PESS-02-12-L-16.00-DR-NDS](#) [PESS-02-12-S-12.00-SR](#) [PESS-04-10-L-15.00-SR](#) [PESS-04-10-L-50.00-DR-NUS](#) [PESS-04-10-L-60.00-SR](#) [PESS-02-10-L-90.00-SR](#) [PESS-02-10-T-36.00-DR-NDS](#) [PESS-02-12-L-36.00-DR-NUS](#) [PESS-02-12-L-39.37-DR-NUS](#) [PESS-04-10-L-10.00-DR-NDS](#) [PESS-04-10-L-12.00-DR-NDS](#) [PESS-04-10-L-12.00-DR-NUS](#) [PESS-04-10-L-99.99-SR](#) [PESS-04-10-S-24.00-DR-NDS](#) [PESS-04-12-L-08.00-DR-NUS](#) [PESS-02-10-L-22.00-DR-NDS](#) [PESS-02-10-L-22.50-DR-NDS](#) [PESS-02-10-L-24.00-SR](#) [PESS-02-10-S-20.00-DR-NDS](#) [PESS-02-12-T-12.00-SR](#) [PESS-02-12-T-20.00-SR](#) [PESS-04-10-L-22.00-SR](#) [PESS-04-10-T-10.00-SR](#) [PESS-04-10-T-24.00-DR-NDS](#) [PESS-04-10-T-24.00-SR](#) [PESS-04-12-L-20.00-DR-NDS](#) [PESS-04-12-L-24.00-SR](#) [PESS-04-12-L-30.00-DR-NDS](#) [PESS-04-12-T-18.00-SR](#) [PESS-04-12-T-36.00-DR-NDS](#) [PESS-06-10-S-36.00-SR](#) [PESS-06-10-S-80.00-DR-NDS](#) [PESS-08-10-L-10.00-DR-NDS](#) [PESS-08-10-S-14.00-SR](#) [PESS-02-10-L-09.00-DR-NDS](#) [PESS-02-10-L-60.00-SR](#) [PESS-02-10-L-72.00-DR-NDS](#) [PESS-02-10-L-99.00-SR](#) [PESS-02-12-L-06.01-SR](#) [PESS-02-12-L-12.00-SR](#) [PESS-02-12-L-36.00-SR](#) [PESS-04-12-L-09.00-SR](#) [PESS-04-12-S-14.00-SR](#) [PESS-06-10-L-36.00-DR-NUS](#) [PESS-06-10-L-39.37-DR-NUS](#) [PESS-06-12-L-08.00-SR](#) [PESS-06-12-L-18.00-SR](#) [PESS-08-10-T-30.00-SR](#) [PESS-08-10-T-39.37-SR](#) [PESS-02-10-L-07.87-DR-NDS](#) [PESS-02-10-L-18.00-SR](#) [PESS-02-10-T-26.00-SR](#) [PESS-02-12-L-24.00-DR-NDS](#) [PESS-04-10-L-08.00-DR-NUS](#) [PESS-04-12-T-06.01-SR](#) [PESS-02-10-L-16.00-DR-NDS](#) [PESS-02-12-L-15.00-DR-NUS](#) [PESS-02-12-L-24.00-SR](#) [PESS-02-12-L-30.00-SR](#) [PESS-02-12-T-25.40-SR](#) [PESS-04-10-L-20.00-DR-NUS](#) [PESS-04-10-L-48.00-DR-NDS](#) [PESS-04-10-T-07.87-DR-NUS](#) [PESS-04-12-L-132.0-SR](#) [PESS-04-12-L-30.00-SR](#) [PESS-04-12-L-36.00-SR](#) [PESS-04-12-T-08.00-DR-NUS](#) [PESS-04-12-T-12.00-DR-NUS](#) [PESS-06-10-L-40.00-DR-NUS](#) [PESS-06-10-L-80.00-SR](#) [PESS-08-10-L-12.00-DR-NUS](#) [PESS-08-12-L-06.00-DR-NUS](#) [PESS-08-12-L-08.00-SR](#) [PESS-02-12-L-12.00-DR-NDS](#) [PESS-06-12-L-12.60-SR](#) [PESS-06-12-L-15.75-DR-NDS](#) [PESS-08-10-L-56.00-SR](#) [PESS-02-10-L-10.00-DR-NDS](#) [PESS-02-10-L-20.00-DR-NUS](#) [PESS-04-12-T-24.00-SR](#) [PESS-06-12-S-12.00-SR](#) [PESS-02-12-L-09.00-DR-NDS](#) [PESS-04-10-T-15.00-SR](#) [PESS-04-10-T-72.00-DR-NUS](#) [PESS-04-12-L-06.01-SR](#) [PESS-02-10-L-39.37-SR](#) [PESS-04-10-L-06.01-DR-NDS](#) [PESS-02-12-L-08.70-SR](#) [PESS-04-12-L-38.00-SR](#) [PESS-06-12-L-11.81-DR-NDS](#) [PESS-08-10-L-18.00-SR](#) [PESS-08-10-L-84.00-SR](#)