

(6.35 mm) .250" (PWR) (2.54 mm) .100" (SIG)

PETC-01-40-01-01-L-VT

PESC-02-40-02-01-L-VT

PETC, PESC SERIES

40 A SIGNAL/POWER COMBO SYSTEM

SPECIFICATIONS

Insulator Material:

Black LCP

Terminal Material:

Copper Alloy

Plating:

Sn or Au over 50 μ " (1.27 μ m) Ni

Current Rating (Signal Pin):

5.7 A per pin
(4 pins powered)

Insertion Depth (Power Pin):

(5.00 mm) .197" to

(8.46 mm) .333"

Wiping Distance (Power Pin):

(0.38 mm) .015"

Operating Temp Range:

-55 °C to +125 °C for Au

-55 °C to +105 °C for Sn

Voltage Rating:

Signal: 450 VAC/636 VDC

Power: 650 VAC/919 VDC

Standard Creepage:

(3.66 mm) .144" (power)

Standard Clearance:

(3.31 mm) .130" (power)

RoHS Compliant:

Yes

Lead-Free Solderable:

Yes

PETC/PESC

POWER PINS	CURRENT RATING (PER CONTACT)
1	31.4 A
2	28.0 A
3	24.4 A
4	22.9 A

RECOGNITIONS



ALSO AVAILABLE (MOQ Required)

- Other signal pins
- Power pins
- Asymmetric power pin placement
- Other platings
- Increased creepage and clearance with the removal of contacts
- Contact Samtec.

Notes:

The number of power pins on each end must equal.

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

