

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

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

PETC, PESC SERIES

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

40 A SIGNAL/POWER COMBO SYSTEM

SPECIFICATIONS

For complete specifications see www.samtec.com?PETC or www.samtec.com?PESC

- Insulator Material:** Black LCP
- Terminal Material:** Copper Alloy
- Plating:** Sn or Au over 50 μ" (1.27 μm) 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

For complete scope of recognitions see www.samtec.com/quality

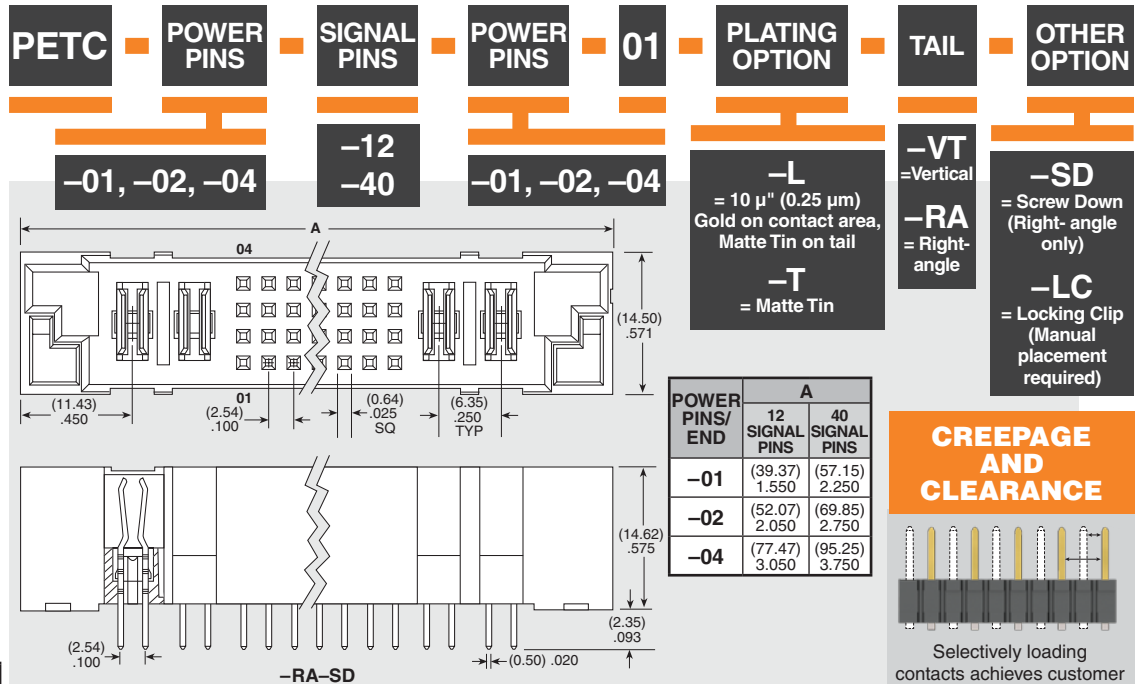


ALSO AVAILABLE (MOQ Required)

- Other signal pins
- Power pins
- Asymmetric power pin placement
- Other platings

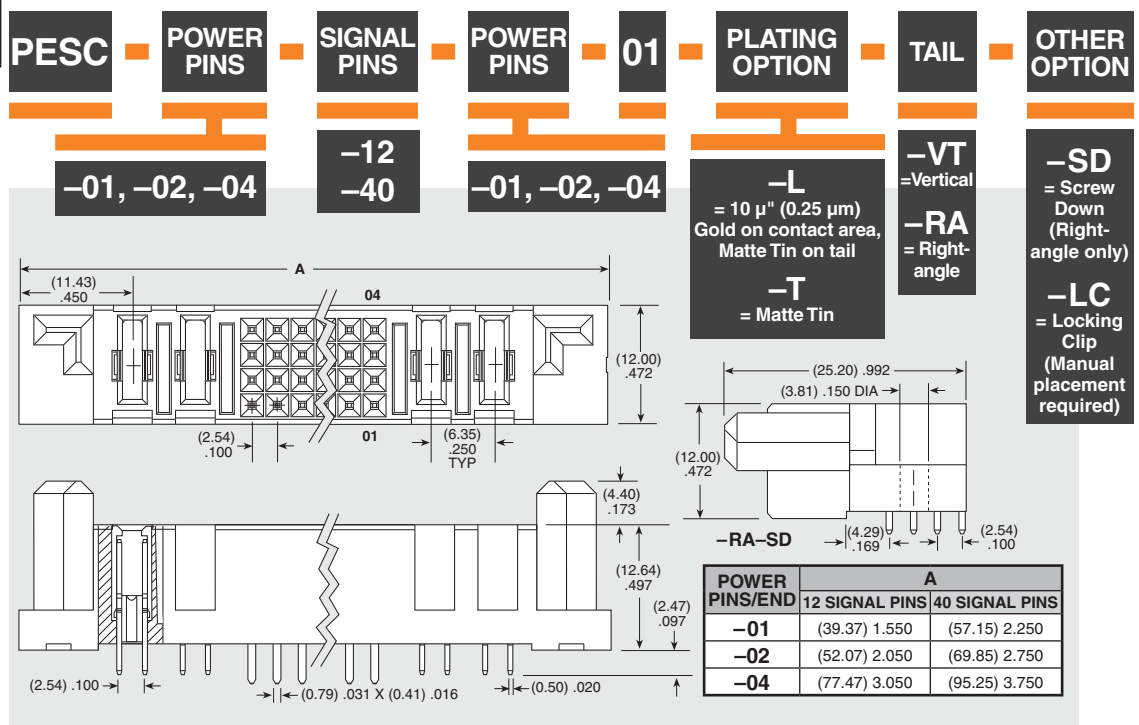
Notes:
The number of power pins on each end must equal.

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



CREEPAGE AND CLEARANCE

Selectively loading contacts achieves customer specific creepage and clearance requirements.
Contact asp@samtec.com



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

Mouser Electronics

Authorized Distributor

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