

(6,35 mm) .250" (PWR) (2,54 mm) .100" (SIG)

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

PETC, PESC SERIES

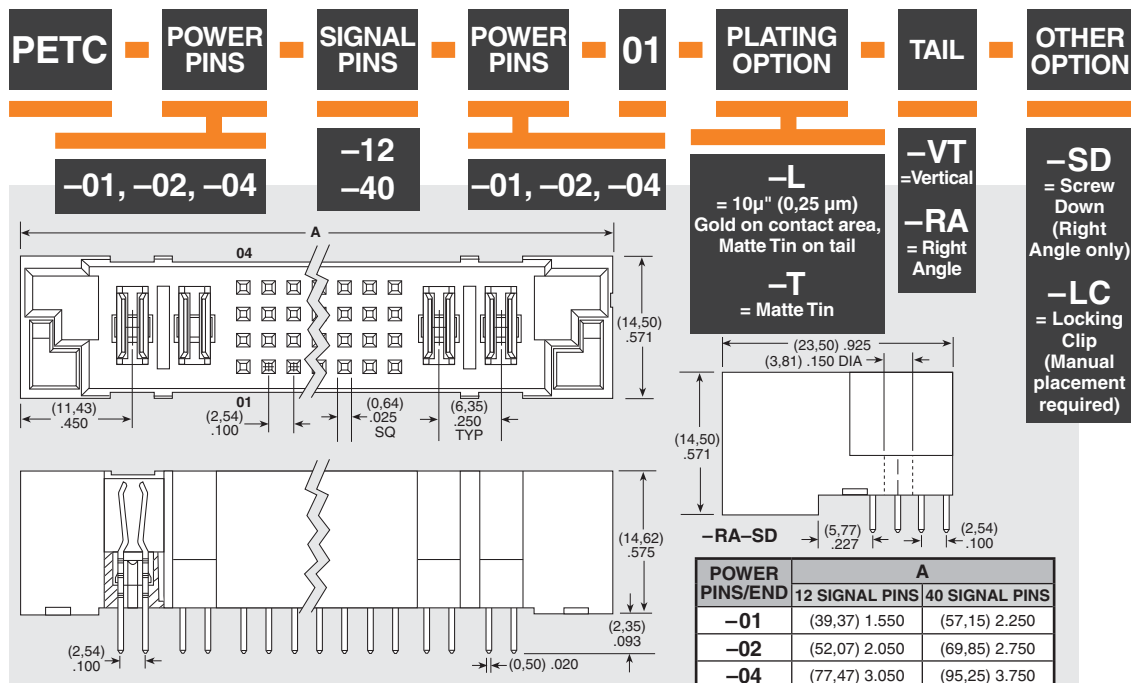
# 40 A SIGNAL/POWER COMBO SYSTEM

## SPECIFICATIONS

For complete specifications see [www.samtec.com?PETC](http://www.samtec.com?PETC) or [www.samtec.com?PESC](http://www.samtec.com?PESC)

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

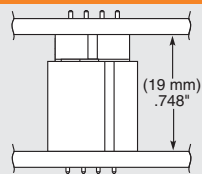
For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



## ALSO AVAILABLE (MOQ Required)

- Other signal pins
  - Power pins
  - Asymmetric power pin placement
  - Other platings
- Contact Samtec.

## MATED HEIGHT



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

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

