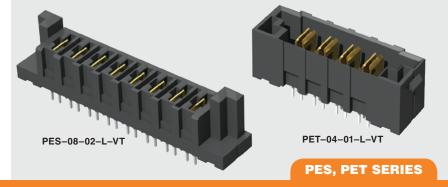




(6.35 mm) .250"



40 A HIGH POWER HEADER & SOCKET

PES Mates with:

PF1

PET Mates with:

PES, PESS

SPECIFICATIONS

For complete specifications see www.samtec.com?PET or www.samtec.com?PES

Insulator Material: Black LCP Terminal Material:

Copper Alloy Plating:

Plating:
Sn or Au over 50 μ" (1.27 μm) Ni
Operating Temp Range:
-55 °C to +105 °C with Tin
-55 °C to +125 °C with Gold

Voltage Rating: 725 VAC/1025 VDC Wiping Distance (PES):

(0.38 mm) .015" Standard Creepage: (3.66 mm) .144" Standard Clearance:

(3.31 mm) .130" RoHS Compliant:

Yes
Lead-Free Solderable:

PET/PES	
PINS	CURRENT RATING (PER CONTACT)
1	58.7 A
2	48.5 A
3	41.1 A
4	38.0 A
8	29.4 A

NO. PINS **PLATING PER ROW OPTION OPTION OPTION** STYLE –VT -SD -01 = Use with = 10 µ" (0.25 µm) = Vertical = Screw -02, -04, Gold on contact, (1.60 mm) .062' Thick PCB Down -06, –08 Matte Tin on tail – RA (Right-= Right-angle angle only) -02 (Screw Down = Use with = Matte Tin option required) LEAD STYLE (3.18 mm) .125' Thick PCB -01 (2.35).093- (20.80) .819 -(3.95) .156 -02(3.81) .150 DIA -No. of positions x (6.35) .250 + (16.51) .650 12.00) .472 (2.04) (6.35) .250 TYP .080 (4.40) .173 CREEPAGE (8.30) Α AND CLEARANCE →|`.175 (2.54) .100 → (0.64) .025 (5.54) .218 (12.64)-RA-SD **RUGGEDIZED** Α (0.64) BY SAMTEC Selectively loading (2.54) .100 → **→**(0.50) .020 contacts achieves customer specific creepage and clearance requirements. Screw down (right-angle) Contact asp@samtec.com

RECOGNITIONS

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



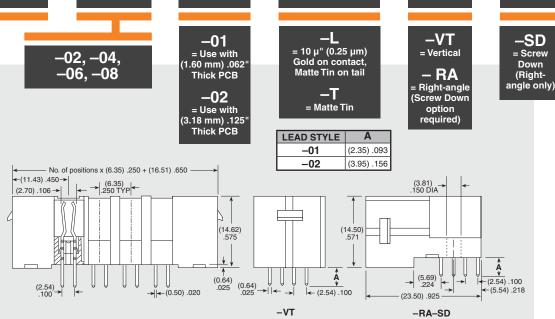
ALSO AVAILABLE (MOQ Required)

- Locking Clip (Manual placement required)
- · No Latch ears
- Other platings

OTHER SOLUTIONS

• Combination Signal/Power. See PESC or PETC Series.

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



PLATING

OPTION

OTHER

OPTION

TAIL

OPTION

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

LEAD

STYLE

NO. PINS

PER ROW

PET

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