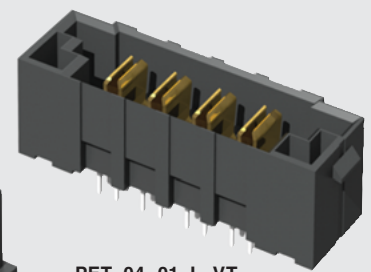


PES-08-02-L-VT



PET-04-01-L-VT

PES, PET SERIES

(6,35 mm) .250"

# 40 A HIGH POWER HEADER & SOCKET

PES Mates with:

PET

PET Mates with:

PES, PE55

## SPECIFICATIONS

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

Insulator Material: Black LCP

Terminal Material: Copper Alloy

Plating: Sn or Au over

50µ" (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"

RoHS Compliant: Yes

Lead-Free Solderable: Yes

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

## RECOGNITIONS

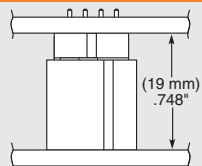
For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



## ALSO AVAILABLE (MOQ Required)

- Locking Clip (Manual placement required)
  - No Latch ears
  - Other platings
- Contact Samtec.

## MATED HEIGHT



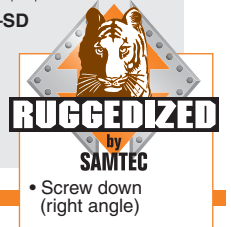
Note: Some sizes, styles and options are non-standard, non-returnable.

PES	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	TAIL OPTION	OTHER OPTION
	-02, -04, -06, -08	-01 = Use with (1,60 mm) .062" Thick PCB -02 = Use with (3,18 mm) .125" Thick PCB	-L = 10µ" (0,25 µm) Gold on contact, Matte Tin on tail -T = Matte Tin	-VT = Vertical -RA = Right Angle (Screw Down option required)	-SD = Screw Down (Right Angle only)

LEAD STYLE	A
-01	(2,35) .093
-02	(3,95) .156

## OTHER SOLUTIONS

- Combination Signal/Power. See PES-C or PET-C Series.



PET	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	TAIL OPTION	OTHER OPTION
	-02, -04, -06, -08	-01 = Use with (1,60 mm) .062" Thick PCB -02 = Use with (3,18 mm) .125" Thick PCB	-L = 10µ" (0,25 µm) Gold on contact, Matte Tin on tail -T = Matte Tin	-VT = Vertical -RA = Right Angle (Screw Down option required)	-SD = Screw Down (Right Angle only)

LEAD STYLE	A
-01	(2,35) .093
-02	(3,95) .156

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