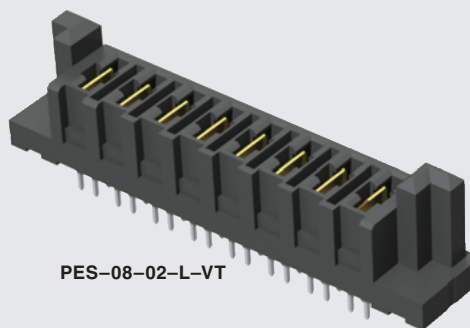
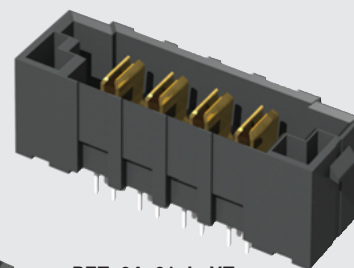




PES-08-02-L-VT



PET-04-01-L-VT

(6,35 mm) .250"

PES, PET SERIES

40 A HIGH POWER HEADER & SOCKET

PES Mates with:
PET

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: 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

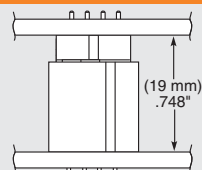
For complete scope
of recognitions see
www.samtec.com/quality



ALSO AVAILABLE (MOQ Required)

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

MATED HEIGHT



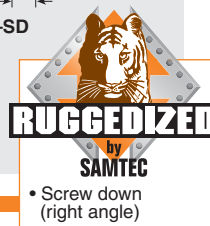
Note: Some sizes, styles
and options are non-standard,
non-returnable.

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.



- Screw down
(right angle)

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