

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 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

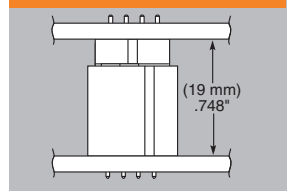
For complete scope of recognitions see www.samtec.com/quality



ALSO AVAILABLE (MOQ Required)

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

MATED HEIGHT



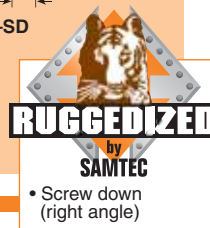
Note: Some sizes, styles and options are non-standard, non-returnable.

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.



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

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