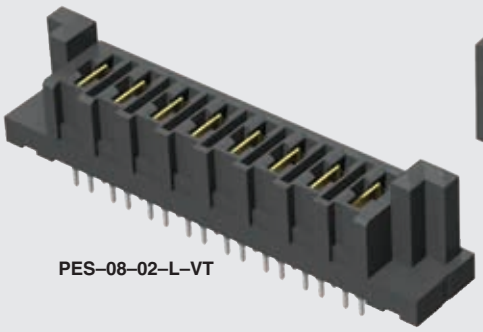
samtec

POWER STRIP 40


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 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:
(4.14 mm) .163" Max
Standard Creepage:
(3.66 mm) .144"
Standard Clearance:
(3.31 mm) .130"
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
8	29.4 A

RECOGNITIONS

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

FILE NO. E111594

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.

PES – NO. PINS PER ROW – LEAD STYLE – PLATING OPTION – TAIL OPTION – OTHER OPTION

NO. PINS PER ROW: –02, –04, –06, –08

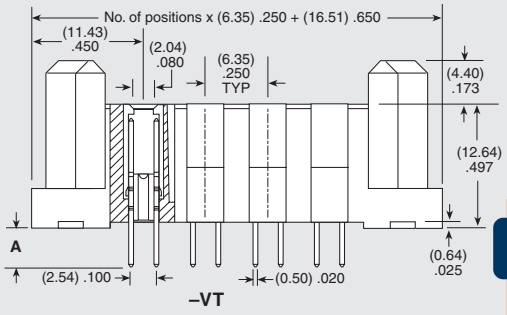
LEAD STYLE:
–01 = Use with (1.60 mm) .062" Thick PCB
–02 = Use with (3.18 mm) .125" Thick PCB

PLATING OPTION:
–L = 10 µ" (0.25 µm) Gold on contact, Matte Tin on tail
–T = Matte Tin

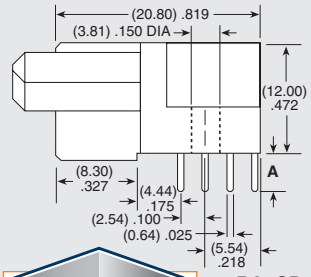
TAIL OPTION:
–VT = Vertical
– RA = Right-angle (Screw Down option required)

OTHER OPTION:
–SD = Screw Down (Right-angle only)

LEAD STYLE	A
–01	(2.35) .093
–02	(3.95) .156



–VT

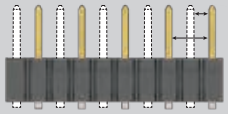


–RA–SD

RUGGEDIZED BY SAMTEC

- Screw down (right-angle)

CREEPAGE AND CLEARANCE



Selectively loading contacts achieves customer specific creepage and clearance requirements.
Contact asp@samtec.com

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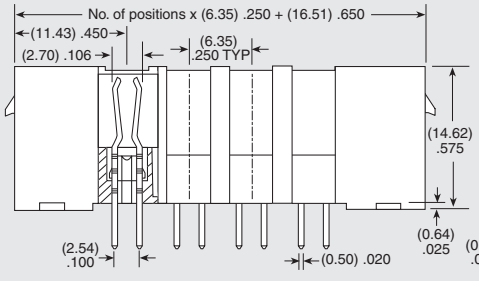
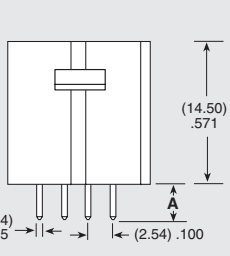
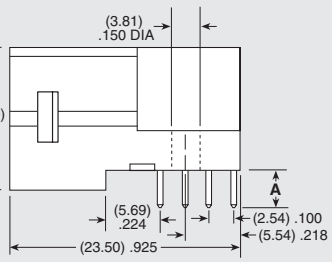




–VT



–RA–SD

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

All parts within this catalog are built to Samtec's specifications.
Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.