



**POWER™
STRIP 20**



UPS-08-04.0-01-L-V



(3.81 mm) .150"

UPS SERIES

DUAL LEAF 20 A POWER SOCKET

SPECIFICATIONS

For complete specifications see www.samtec.com?UPS

Insulator Material: Black LCP

Contact Material: BeCu

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: 438 VAC/620 VDC

Standard Creepage: (5.8 mm) .228" (with -V) (2.97 mm) .117" (with -RA)

Standard Clearance: (1.51 mm) .059"

RoHS Compliant: Yes

Lead-Free Solderable: Yes

Yes

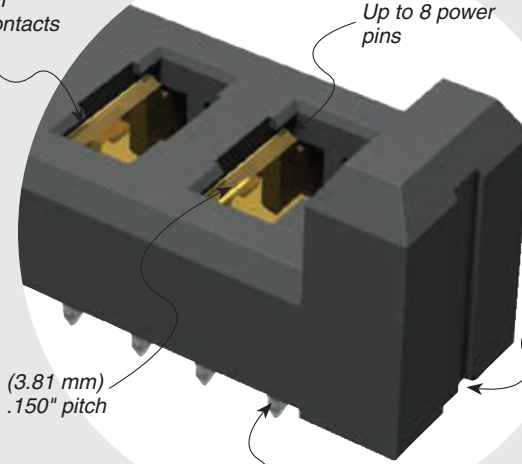
Mates with: UPT

PINS	UPT-V/UPS-V	UPT-RA/UPS-RA
	CURRENT RATING (PER CONTACT)	CURRENT RATING (PER CONTACT)
1	23 A	23.5 A
2	18.6 A	20.1 A
3	17.5 A	16.9 A
4	16.7 A	15.5 A
8	14 A	13.3 A

-L PLATING

Dual leaf blade contacts

Up to 8 power pins



Optional locking clip

(3.81 mm) .150" pitch

Vertical, right-angle or press-fit

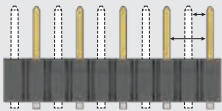


RECOGNITIONS

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



CREEPAGE AND CLEARANCE



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

ALSO AVAILABLE (MOQ Required)

- Solder leads for (2.36 mm) .093" thick board

TOOLING

Press-fit tooling available.

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

UPS	POWER PINS	LEAD STYLE	TAIL LENGTH	PLATING OPTION	TAIL	OTHER OPTION
-02, -04, -06, -08	-01 = RA only -04.0 = (04.0 mm) .157" (-V & -PV only) -07.0 = (07.0 mm) .276" (-V & -PV only)	-01 = Use with (1.60 mm) .062" Thick PCB (-V & -RA only) -03 = Use with (1.60 mm) .062" Thick PCB (-PV only)	-L = 10 μ" (0.25 μm) Gold on contact, Matte Tin on tail -T = Matte Tin (-RA option only)	-V = Vertical (Not available with -T plating) -RA = Right-angle -PV = Press-fit, Vertical	-LC = Locking Clip (Manual placement required) Not available with -PV option	

LEAD STYLE	A	B
-04.0	(3.75) .148	(6.75) .266
-07.0	(6.75) .266	(9.75) .384

MATED HEIGHT*

UPS LEAD STYLE	UPT LEAD STYLE	
	-03.0	
-04.0	(7.00)	.276
-07.0	(10.00)	.394

*Processing conditions will affect mated height.

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

WWW.SAMTEC.COM

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.