

(3,81 mm) .150"



UPS-04-01-01-L-RA-LC

UPS-08-04.0-01-L-V



UPS-04-07.0-03-L-PV

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 50µ" (1.27 µm) Ni

Operating Temp Range:

-55°C to +105°C with Tin;

-55°C to +125°C with Gold

Voltage Rating:

375 VAC/530 VDC

RoHS Compliant:

Yes

Lead-Free Solderable:

Yes

RECOGNITIONS

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



Mates with:
UPT

UPT-V/UPS-V	
PINS	CURRENT RATING (PER CONTACT)
1	23 A
2	18.6 A
3	17.5 A
4	16.7 A
ALL	14 A
-L PLATING	

UPT-RA/UPS-RA	
PINS	CURRENT RATING (PER CONTACT)
1	23.5 A
2	20.1 A
3	16.9 A
4	15.5 A
ALL	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



• Locking clip option

ALSO AVAILABLE (MOQ Required)

- Solder leads for (2,36 mm) .093" thick board
- Contact Samtec.

TOOLING

Press fit tooling available.
Contact Samtec.

UPS	POWER PINS	LEAD STYLE	TAIL LENGTH	PLATING OPTION	TAIL	OTHER OPTION
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-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

= 10µ" (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

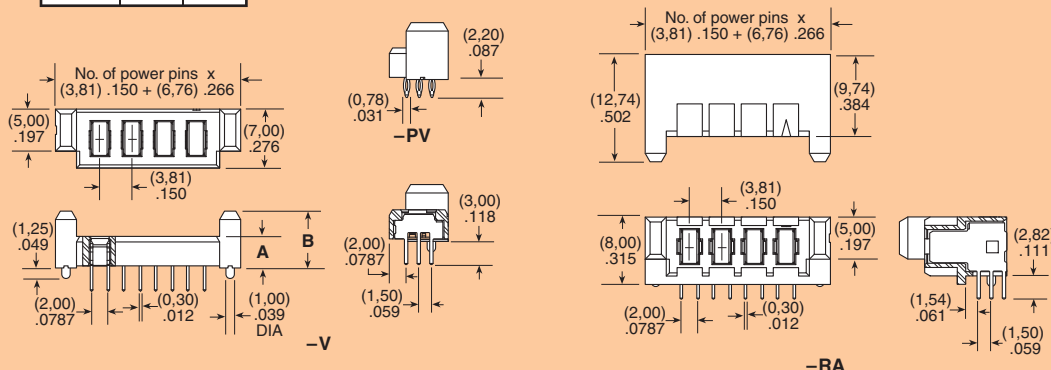
-PV

= 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	(7,00) .276
-04.0	(7,00) .276
-07.0	(10,00) .394

*Processing conditions will affect mated height.

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

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

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