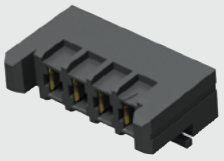
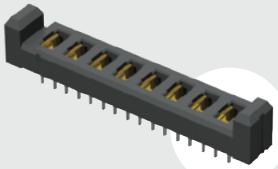
samtec

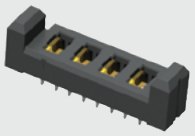
POWER STRIP 20



UPS–04–01–01–L–RA–LC



UPS–08–04.0–01–L–V



UPS–04–07.0–03–L–PV

(3.81 mm) .150"

UPS SERIES

DUAL LEAF 20 A POWER SOCKET

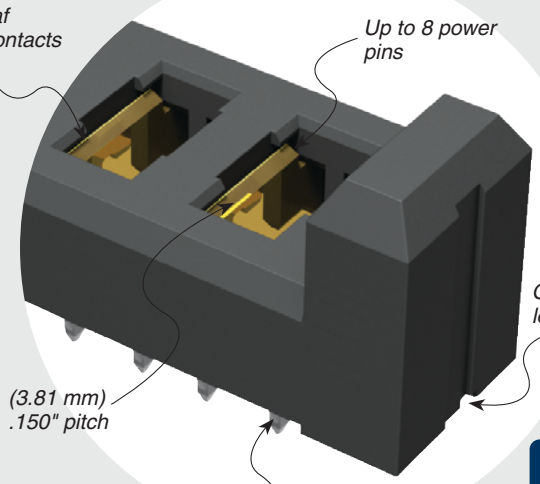
SPECIFICATIONS

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:
375 VAC/530 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

Mates with:
UPT

PINS	UPT-V/UPS-V CURRENT RATING (PER CONTACT)	UPT-RA/UPS-RA 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		



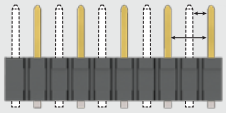
RUGGEDIZED BY SAMTEC
• Locking clip option

RECOGNITIONS

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

FILE NO. E111594

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

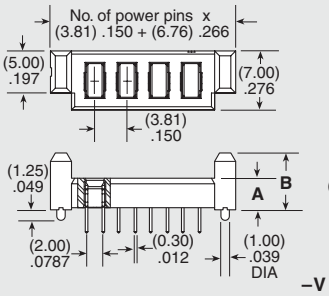
TOOLING

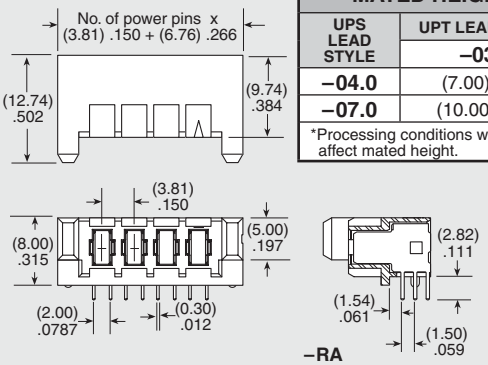
Press-fit tooling available.

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.		

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.