







UPT SERIES

(3.81 mm)

.150" pitch

(3.81 mm) .150"

BLADE 20 A POWER HEADER

Dual leaf

blade contacts

SPECIFICATIONS

For complete specifications see www.samtec.com?UPT

Insulator Material: Black LCF Terminal 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

-55 °C 10 +125 °C With Gold Voltage Rating: 438 VAC/620 VDC Standard Creepage: (5.5 mm) .217" (with -V) (2.97 mm) .117" (with -RA) Standard Clearance: (1.51 mm) .059") **RoHS Compliant:**

Lead-Free Solderable: Wave only (-V, -RA options)

Mates with:

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

2, 4, 6 or 8 power pins Vertical, right-angle

or press-fit

TAIL

LENGTH

Optional locking clip **RUGGEDIZED**

Locking clip option

OTHER

OPTION

-LC

= Locking

Clip

(Manual

placement

required)

Not

RECOGNITIONS

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



ALSO AVAILABLE (MOQ Required)

- Solder leads for (2.36 mm) .093" thick board
- Increased creepage and clearance with the removal of contacts

Contact Samtec.

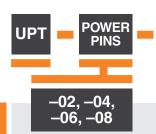
TOOLING

Press-fit tooling available. Contact Samtec.

N	MATED HEIGHT*			
UPT LEAD	UPS LEAD STYLE			
STYLE	-04.0	-07.0		
-03.0	(7.00) .276	(10.00) .394		

*Processing conditions will affect mated height.

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



-01= RA only -03.0 = (03.0 mm) `.118" (–V & –PV

only)

LEAD

STYLE

-01= Use with (1.60 mm) .062 Thick PCB (–V & –RA only)

-03= Use with (1.60 mm) .062' Thick PCB (-PV only)

= 10 µ" (0.25 µm) Gold on contact, Matte Tin on tail

PLATING

OPTION

= Matte Tin (-RA option only)

–V = Vertical (Not available with -T plating)

TAIL

-RA = Right-angle -PV

= Press-fit.

Vertical

available with -PV option

