

(3.81 mm) .150"

UPT SERIES

# DUAL BLADE 20A POWER HEADER

## SPECIFICATIONS

For complete specifications see [www.samtec.com?UPT](http://www.samtec.com?UPT)

### Insulator Material:

Black LCP

### Terminal Material:

BeCu

### Plating:

Sn or Au over 50  $\mu$ "

(1.27  $\mu$ m) 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:

(5.5 mm) .217" (with -V)

(2.97 mm) .117" (with -RA)

### Standard Clearance:

(1.51 mm) .059"

### RoHS Compliant:

Yes

### Lead-Free Solderable:

Wave only (-V, -RA options)

Mates with:  
UPS

	UPT-V/UPS-V	UPT-RA/UPS-RA
PINS	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
ALL	14 A	13.3 A
-L PLATING		

Dual leaf blade contacts

(3.81 mm)  
.150" pitch

2, 4, 6 or 8 power pins

Vertical, right-angle or press-fit

Optional locking clip

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• Locking clip option

## RECOGNITIONS

For complete scope of recognitions see [www.samtec.com/quality](http://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.

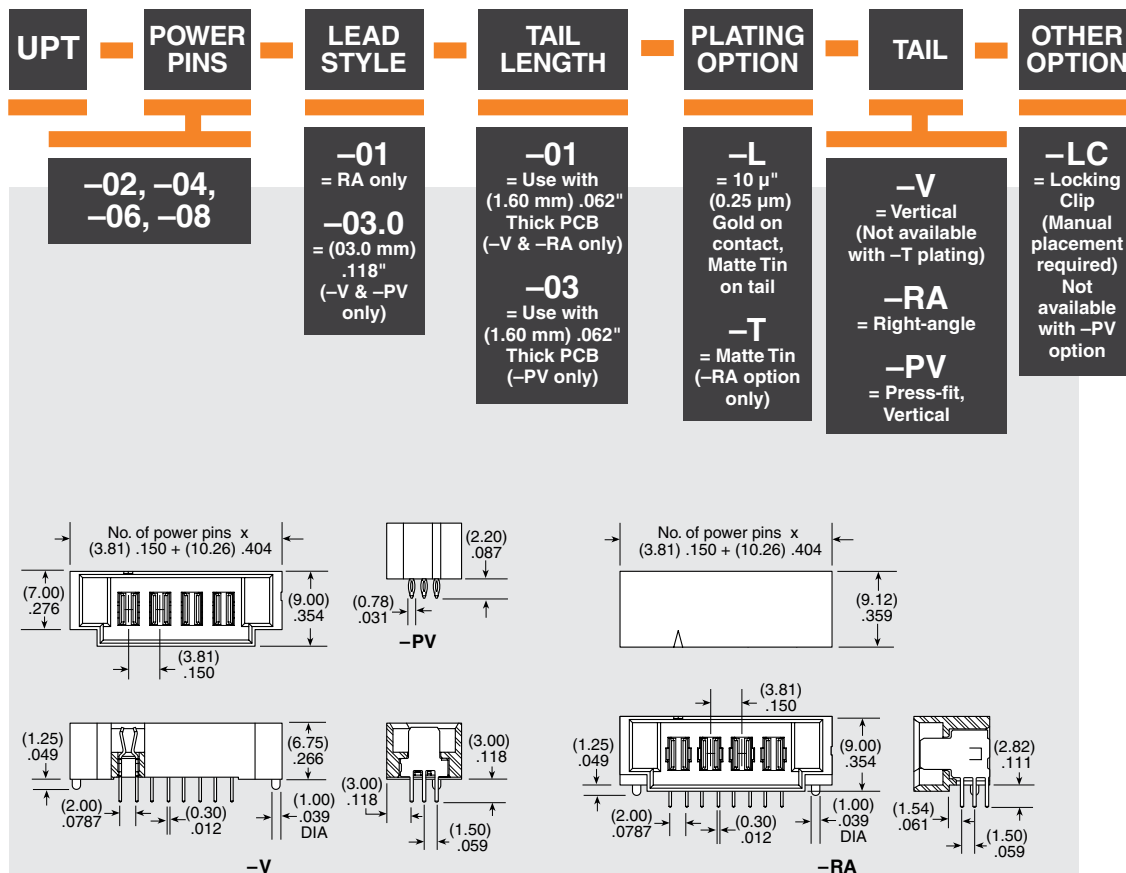
## TOOLING

Press-fit tooling available.  
Contact Samtec.

### MATED HEIGHT\*

UPT LEAD STYLE	UPS LEAD 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.