

(3.81 mm) .150"

# **UAL LEAF 20 A POWER SOCKET**

#### **SPECIFICATIONS**

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

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:** 

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

# Mates with:

l	JPT-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	
3	17.5 A	16.9 A	
4	16.7 A	15.5 A	
ALL	14 A	13.3 A	
	-L PLATING		

Dual leaf Up to 8 power blade contacts Optional locking clip (3.81 mm) .150" pitch Vertical, right-angle or press-fit

**RUGGEDIZED** · Locking clip option

## **RECOGNITIONS**



#### **ALSO AVAILABLE** (MOQ Required)

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

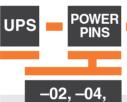
Contact Samtec.

#### **TOOLING**

Press-fit tooling available. Contact Samtec.

MATED HEIGHT*		
UPS	UPT LEAD STYLE	
LEAD STYLE	-03.0	
-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.



LEAD STYLE

-04.0

-06. -08

(3.75)

В

(6.75)

.266

-07.0 = (07.0 mm) .276" (-V & -PV only)

only)

#### **LEAD TAIL STYLE LENGTH**

-01-01= RA only = Use with (1.60 mm) .062<sup>t</sup> -04.0Thick PCB (-V & -RA only) = (04.0 mm).157" (–V & –PV

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

## = 10 µ" (0.25 µm) Gold on contact.

**PLATING** 

**OPTION** 

Matte Tin on tail **-**T

= Matte Tin (-RA option only)

#### = Vertical (Not available with -T plating)

**TAIL** 

-RA = Rightangle

-PV = Press-Vertical

#### -LC = Locking Clip (Manual placement reauired) Not available with -PV option

**OTHER** 

**OPTION** 

