



MPT-04-6.30-01-L-V

(5.00 mm) .1969"

**MPT SERIES**

# 30 A DUAL BLADE HEADER

## SPECIFICATIONS

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

**Insulator Material:**

Black LCP

**Terminal Material:**

Copper Alloy

**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:**

575 VAC/812 VDC

**Standard Creepage:**

(2.86 mm) .113"

**Standard Clearance:**

(2.71 mm) .106"

**RoHS Compliant:**

Yes

**Lead-Free Solderable:**

Yes

**Board Mates:**

MPS

**Cable Mates:**

MPSS

Dual leaf blade contacts

5.00 mm pitch

Polarized alignment feature

MPT-V/MPS-V	
POWER PINS	CURRENT RATING (PER CONTACT)
1	28.8 A
2	24.7 A
3	24.1 A
4	22.3 A
8	18.5 A
-T PLATING	

## RECOGNITIONS

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



## MATED HEIGHT



<b>MPT</b>	<b>POWER PINS</b>	<b>LEAD STYLE</b>	<b>TAIL LENGTH</b>	<b>PLATING OPTION</b>	<b>V</b>
	<b>-02, -03, -04, -06, -08</b>	<b>-6.30</b> = (6.30 mm) 0.248"	<b>-01</b> = Use with (1.60 mm) .062" Thick PCB  <b>-03</b> = Use with (2.36 mm) .093" Thick PCB	<b>-L</b> = 10 μ" (0.25 μm) Gold on contact, Matte Tin on tail  <b>-T</b> = Matte Tin	

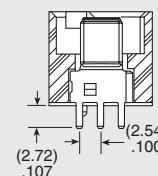
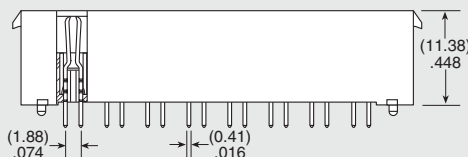
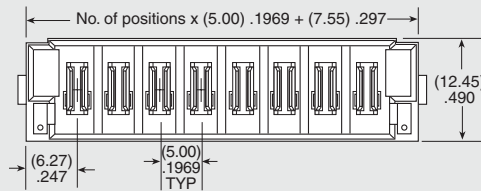
## OTHER SOLUTIONS

- Power/Signal combination Headers (see MPTC Series)
- High Power Headers. (see PET Series)
- Right-angle (see MPT-RA Series)

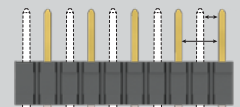
## ALSO AVAILABLE (MOQ Required)

- Locking Clip (Manual placement required)

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



## CREEPAGE AND CLEARANCE



Selectively loading contacts achieves customer specific creepage and clearance requirements. Contact [asp@samtec.com](mailto:asp@samtec.com)

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

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