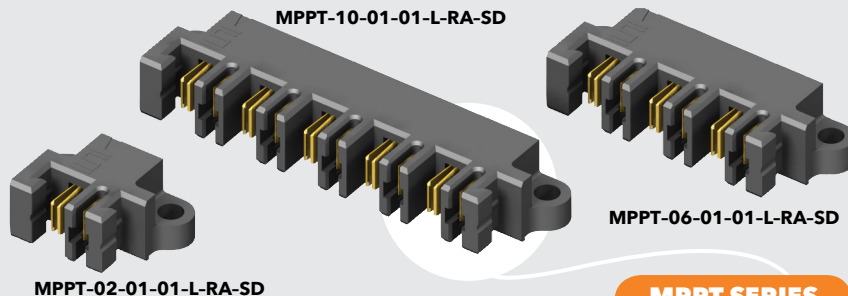




**POWER<sup>™</sup>  
STRIP<sup>™</sup> 30**

**(5.00 mm) .1969"**



**MPPT SERIES**

# HERMAPHRODITIC 30A POWER SYSTEM

## SPECIFICATIONS

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

### Insulator Material:

Black LCP

### Terminal Material:

Copper Alloy

### 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:

510 VAC/721 VDC

### Standard Creepage:

(2.95 mm) .116"

### Standard Clearance:

(2.71 mm) .106"

### RoHS Compliant:

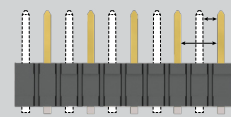
Yes

### Lead-Free Solderable:

Yes

**Mates with:**  
MPPT

## CREEPAGE AND CLEARANCE



Selectively loading contacts achieves customer specific creepage and clearance requirements.

Contact [asp@samtec.com](mailto:asp@samtec.com)

Dual leaf contacts

Screw down option

Dual blade post

## RECOGNITIONS

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



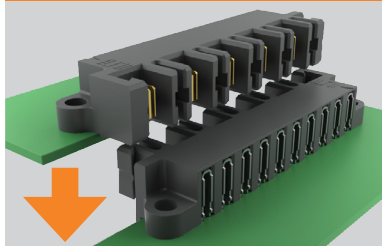
| MPPT/MPPT  |                              |
|------------|------------------------------|
| POWER PINS | CURRENT RATING (PER CONTACT) |
| 1          | 35.5 A                       |
| 2          | 29.6 A                       |
| 3          | 27.6 A                       |
| 4          | 24.4 A                       |
| 10         | 20.2 A                       |

## ALSO AVAILABLE

Contact Samtec

Locking Clip  
(Manual placement required)  
Solder Leads for  
(2.36 mm) .093" thick board

## APPLICATION



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

