







(5.00 mm) .1969"

**MPT-RA, MPS-RA SERIES** 

# RIGHT-ANGLE 30 A POWER CONNECTORS

MPT-RA Mates with:

MPS, MPSS

MPS-RA Mates with:

### **SPECIFICATIONS**

For complete specifications see www.samtec.com?MPT or www.samtec.com?MPS

## Insulator Material:

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:

Lead-Free Solderable:

MPT-RA/MPS-RA	
POWER PINS	CURRENT RATING (PER CONTACT)
1	23.3 A
2	20.5 A
3	19.4 A
4	18.4 A
All	17.2 A
-L PLATING	

#### **POWER PLATING TAIL** MPT RA 01 **PINS LENGTH OPTION** -01 = Use with -02, -04, -06, -08 (1.60 mm) .062" Thick PCB = 10 $\mu$ " (0.25 $\mu$ m) Gold on contact, Matte Tin on tail (3.56) .140 DĮA -03 -Т = Use with No. of positions x (5.00) .1969 + (6.28) .247 (2.36 mm) .093' Thick PCB = Matte Tin $\oplus$ (12.27) .583 of positions x (5.00) .1969 + (7.55) .297 (2.72).107 \_(0.41) .016 (1.88) .074 (5.00).128 RUGGEDIZED (2.54) (-SD SHOWN) Screw downs

TAIL

LENGTH

## **RECOGNITIONS**

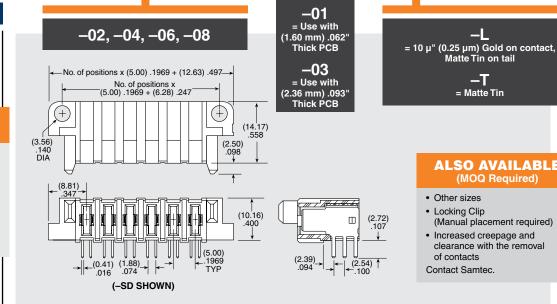
For complete scope of recognitions see www.samtec.com/quality



## **OTHER SOLUTIONS**

- Power/Signal combination headers & sockets (see MPTC or MPSC Series)
- High Power Headers (see PET Series)
- High Power Sockets (see PES Series)
- Vertical (see MPT or MPS Series)

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



**POWER** 

**PINS** 

MPS

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

RA

· Other sizes

**PLATING** 

**OPTION** 

• Locking Clip (Manual placement required)

Matte Tin on tail

= Matte Tin

 Increased creepage and clearance with the removal of contacts

Contact Samtec.