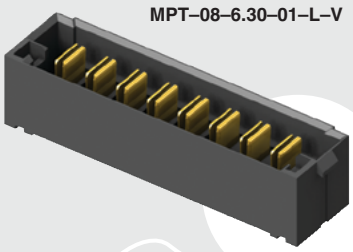
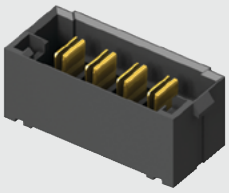
samtec

POWER STRIP 30





(5.00 mm) .1969"

MPT SERIES

30 A DUAL BLADE HEADER

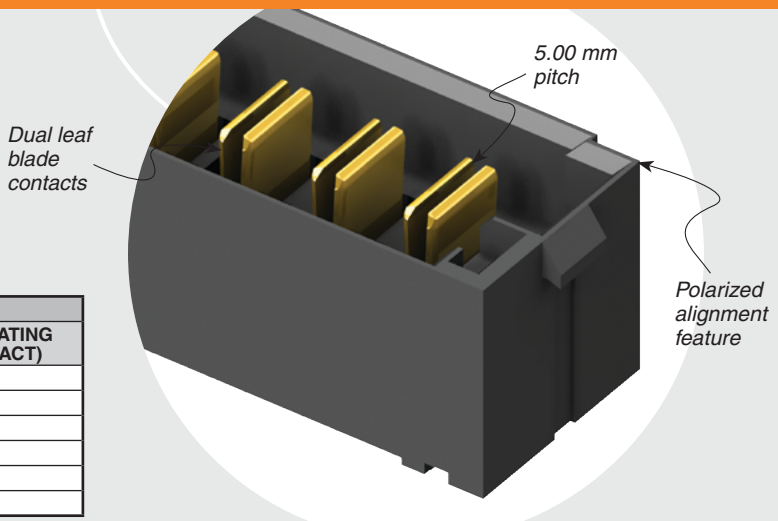
SPECIFICATIONS

For complete specifications see 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



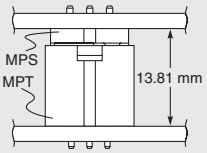
MPT-V/MPS-V	
POWER PINS	CURRENT RATING (PER CONTACT)
1	28.8 A
2	24.7 A
3	24.1 A
4	22.3 A
8	18.5 A
–T PLATING	

RECOGNITIONS

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

FILE NO. E111594

MATED HEIGHT



OTHER SOLUTIONS

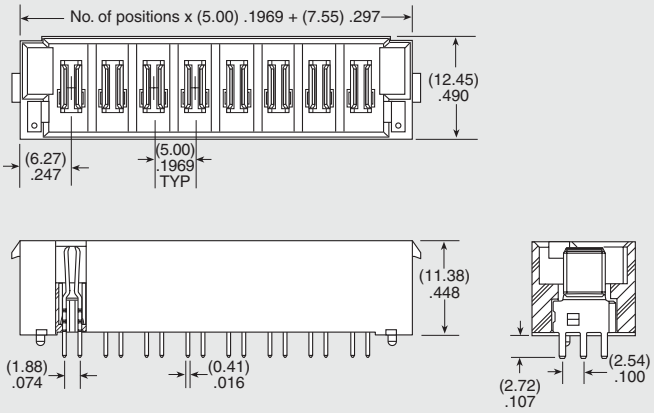
- Power/Signal combination Headers (see MPTC Series)
- High Power Headers. (see PET Series)
- Right-angle (see MPT-RA Series)

ALSO AVAILABLE (MOQ Required)

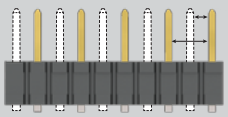
- Locking Clip (Manual placement required)

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

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



CREEPAGE AND CLEARANCE



Selectively loading contacts achieves customer specific creepage and clearance requirements.

Contact asp@samtec.com

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

All parts within this catalog are built to Samtec's specifications.
Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.