



(5,00mm) .1969"

MPS SERIES



MPS-02-7.70-01-L-V



MPS-06-7.70-01-L-V

25A DUAL LEAF SOCKET

SPECIFICATIONS

For complete specifications see www.samtec.com?MPS

Insulator Material:

Black LCP

Terminal Material:

Copper Alloy

Plating:

Sn or Au over

50µ" (1,27 µm) Ni

Operating Temp Range:

-55°C to +105°C with Tin;

-55°C to +125°C with Gold

Voltage Rating:

600 VAC/848 VDC

RoHS Compliant:

Yes

Lead-Free Solderable:

Yes

Mates with:
MPT

Dual leaf
blade contacts

5 mm
pitch

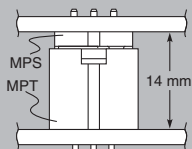
14 mm
Stack
height

Polarized
Guide Posts

Mate
available for
perpendicular
board mating

AMBIENT TEMP	CURRENT RATING (PER CONTACT)	
	MPT-V/MPS-V	
	2 PINS	4 PINS
20°C	41.7A	37.6A
40°C	36.5A	33A
60°C	30.3A	27.3A
75°C	24.7A	22.3A
-T PLATING		

MATED HEIGHT



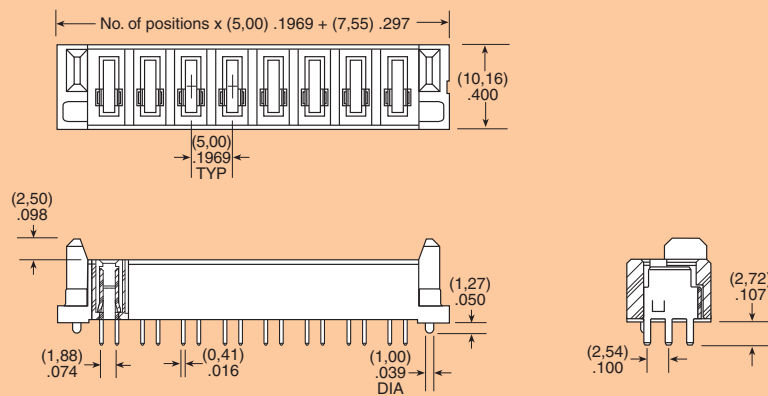
ALSO AVAILABLE

- Power/Signal combination Sockets. See MPSC Series.
- High Power Sockets. See PES Series. Call Samtec.

APPLICATION SPECIFIC OPTION

- Locking Clip (Manual placement required).
- Solder leads for (2,36 mm) .093" thick board. Call Samtec.

MPS	POWER PINS	LEAD STYLE	TAIL LENGTH	PLATING OPTION	V
-02, -04, -06, -08		-7.70 = (7,70 mm) .303"	-01 = Use with (1,60 mm) .062" Thick PCB	-L = 10µ" (0,25 µm) Gold on contact, Matte Tin on tail -T = Matte Tin	



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

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

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