

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China









MT10

10 WATT DC/DC CONVERTER, SINGLE & MULTIPLE OUTPUTS

ELECTRICAL SPECIFICATIONS

All specifications are typical at nominal input, full load

INPUT SPECIFICATIONS

Input Voltage Range9-18 VDC MT10 - 12 18-36 VDC MT10 - 24 36-72 VDC MT10 - 48

OUTPUT SPECIFICATIONS



FEATURES

RATED 15W AT 24VDC & 48VDC INPUT

SINGLE AND DUAL OUTPUTS

HIGH EFFICIENCY AND RELIABILITY

WHIGH I/O ISOLATION 1500VDC

▼ INTERNAL EMI FILTER

LOW OUTPUT RIPPLE AND NOISE

SHORT CIRCUIT PROTECTION

DIRECT PCB-SOLDERING

▼ INDUSTRY STANDARD PINOUT (IC-24P)

LOW PROFILE, 10mm (0.39") HEIGHT

TWO YEAR WARRANTY

GENERAL SPECIFICATIONS

ENVIRONMENTAL SPECIFICATIONS

EMI

Complys with: CISPR CLASS A

PHYSICAL SPECIFICATIONS

Case Material.....Nickel-Plated Steel
Dual In-Line Pin Configuration

Series

MODEL	INPUT VOLTAGE	OUTPUT VOLTAGE	OUTPUT CURRENT		EFFICIENCY AT 100%
WODEL INFOT VOLIAGE	OUTFUT VOLIAGE	MIN.	MAX.	LOAD (TYP)	
MT10-1203S	12 VDC (9 ~ 18V)	3.3 VDC	240mA	2400mA	76%
MT10-1205S		5 VDC	180mA	1800mA	77%
MT10-1212S		12 VDC	85mA	850mA	82%
MT10-1215S		15 VDC	65mA	650mA	80%
MT10-1212W		±12 VDC	±82mA	±410mA	80%
MT10-1215W		±15 VDC	±60mA	±330mA	80%
MT10-2403S	24 VDC (18 ~ 36V)	3.3 VDC	280mA	2800mA	78%
MT10-2405S		5 VDC	240mA	2400mA	78%
MT10-2412S		12 VDC	125mA	1250mA	86%
MT10-2415S		15 VDC	125mA	1000mA	84%
MT10-2412W		±12 VDC	±120mA	±600mA	83%
MT10-2415W		±15 VDC	±100mA	±500mA	84%
MT10-4805S	48 VDC - (36 ~ 72V)	5 VDC	240mA	2400mA	82%
MT10-4812S		12 VDC	125mA	1250mA	85%
MT10-4815S		15 VDC	100mA	1000mA	84%
MT10-4812W		±12 VDC	±120mA	±600mA	84%
MT10-4815W		±15 VDC	±100mA	±500mA	85%

Also available in 9-36V & 18-72V Input

1.000 (25.4) 0.50 (12.7) 0.40 0.40 (10.2) (10.2)		0.375 (9.5)
3 4 5 BOTTOM VIEW 1 2	0.60 0.80 (15.2) (20.3) 2.00 (50.8)	0.04
0.20	(5.6)	

PIN-OUT						
PIN	SINGLE	DUAL				
1	+VIN	+VIN				
2	-VIN	-VIN				
3	+VOUT	+VOUT				
4	NO PIN	COMMON				
5	-VOUT	-VOUT				

NOTE:

All specifications typical and nominal / full load and 25°C unless otherwise noted. Avoid sustained operation in overload or dead short conditions.

Specifications subject to changes without notice.

• Dimensions in mm