

MIL Electronics, Inc.

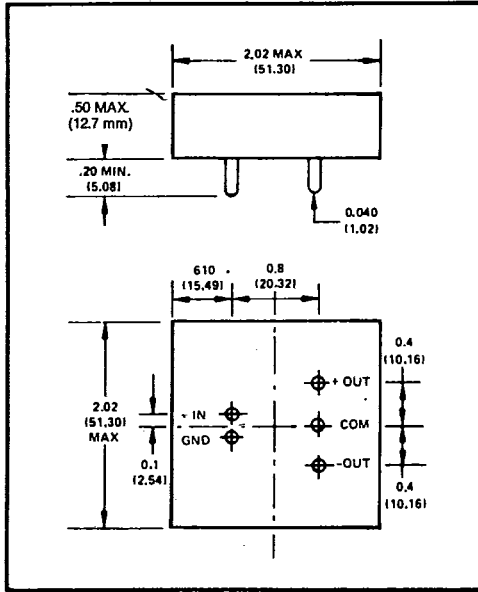
Commercial Products Group

Encapsulated DC to DC Converters



Computer perfected power

HIGH VOLTAGE REGULATED SUPPLY FOR CRTS, LASERS, PHOTOMULTIPLIER 5 WATTS



H SERIES DUAL OUTPUT UNITS

Input Voltage	Output Voltage	Output Current	Model No.	Input Voltage	Output Voltage	Output Current	Model No.
10 to 24 VDC	± 50 VDC	50 mA	H12DB50/05	20 to 40 VDC	± 50 VDC	50 mA	H24DB50/05
10 to 24 VDC	±125 VDC	20 mA	H12DB125/02	20 to 40 VDC	±125 VDC	20 mA	H24DB125/02
10 to 24 VDC	±250 VDC	10 mA	H12DB250/01	20 to 40 VDC	±250 VDC	10 mA	H24DB250/01
10 to 24 VDC	±375 VDC	7 mA	H12DB375/007	20 to 40 VDC	±375 VDC	7 mA	H24DB375/007
10 to 24 VDC	±500 VDC	5 mA	H12DB500/005	20 to 40 VDC	±500 VDC	5 mA	H24DB500/005
10 to 24 VDC	±600 VDC	4 mA	H12DB600/004	20 to 40 VDC	±600 VDC	4 mA	H24DB600/004
10 to 24 VDC	±700 VDC	3.5mA	H12DB700/003	20 to 40 VDC	±700 VDC	3.5mA	H24DB700/003
10 to 24 VDC	±800 VDC	3 mA	H12DB800/003	20 to 40 VDC	±800 VDC	3 mA	H24DB800/003
10 to 24 VDC	±900 VDC	2.8mA	H12DB900/003	20 to 40 VDC	±900 VDC	2.8mA	H24DB900/003

• GENERAL SPECIFICATIONS

- Regulation
 - line 3%
 - load 3%
- Ripple 1%
- Operating frequency 60 KHz
- Efficiency 70% Typ.

• ISOLATION

- Capacitance 50 pf
- Resistance 1 x 10⁹ Ohms min.
- Voltage
 - Input-case V out + 500 VDC
 - Output-case V out + 500 VDC
 - Input-Output V out + 500 VDC

1 Mill Street, Dracut, MA 01826•617-453-8000•Telex 4998157
FAX 617-957-6761

H SERIES SINGLE OUTPUT UNITS

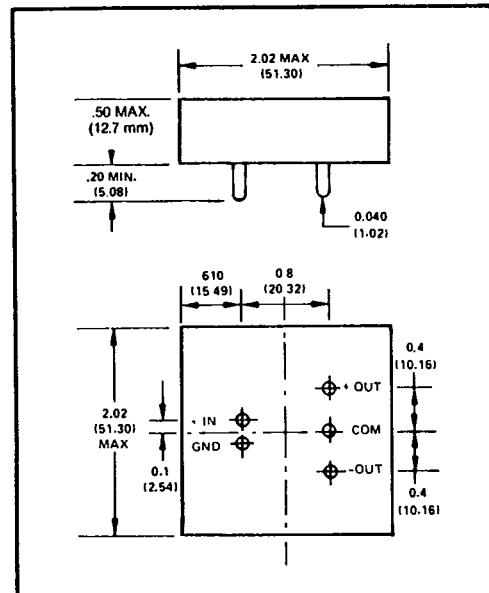
Input Voltage	Output Voltage	Output Current	Model No.
10 to 24 VDC	100 VDC	50 mA	H12SB100/05
10 to 24 VDC	250 VDC	20 mA	H12SB250/02
10 to 24 VDC	500 VDC	10 mA	H12SB500/01
10 to 24 VDC	750 VDC	7 mA	H12SB750/07
10 to 24 VDC	1000 VDC	5 mA	H12SB1000/005
10 to 24 VDC	1200 VDC	4 mA	H12SB1200/004
10 to 24 VDC	1400 VDC	3.5mA	H12SB1400/003
10 to 24 VDC	1600 VDC	3 mA	H12SB1600/003
10 to 24 VDC	1800 VDC	2.8mA	H12SB1800/003
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20 to 40 VDC	100 VDC	50 mA	H24SB100/05
20 to 40 VDC	250 VDC	20 mA	H24SB250/02
20 to 40 VDC	500 VDC	10 mA	H24SB500/01
20 to 40 VDC	750 VDC	7 mA	H24SB750/07
20 to 40 VDC	1000 VDC	5 mA	H24SB1000/005
20 to 40 VDC	1200 VDC	4 mA	H24SB1200/004
20 to 40 VDC	1400 VDC	3.5mA	H24SB1400/003
20 to 40 VDC	1600 VDC	3 mA	H24SB1600/003
20 to 40 VDC	1800 VDC	2.8mA	H24SB1800/003

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