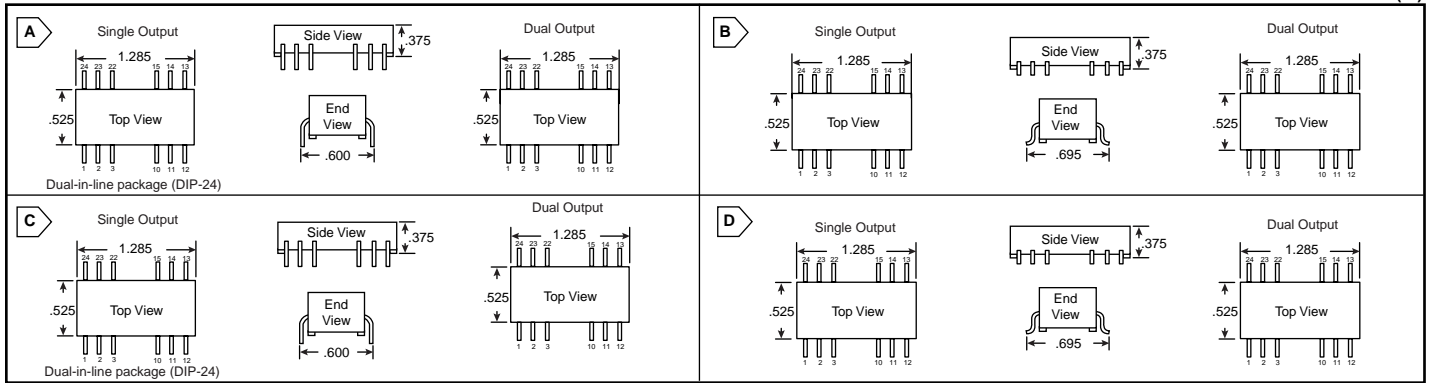


C&D TECHNOLOGIES DC-DC Converters



DIMENSIONS (IN)



HB01U SERIES 1W UNREGULATED SINGLE AND DUAL OUTPUT

The HB01U Series is ideal for applications where the output is susceptible to high voltage transients such as motor drive and industrial process control applications.

- 2500Vrms isolation test voltage
- Low leakage current - 2mA max
- Internal filtering
- Low barrier capacitance - 10pF
- 24-pin DIP and SMD packages
- Non-conductive case

Pin Connections		
Pin#	Singles	Duals
1	+VOUT	+VOUT
2	-VOUT	Common
3	NU	-VOUT
10	-VIN	-VIN
11	NC	NC
12	+VIN	+VIN
13	+VIN	+VIN
14	NC	NC
15	-VIN	-VIN
21	NC	NC
22	NU	-VOUT
23	-VOUT	Common
24	+VOUT	+VOUT

HL01R SERIES 1W REGULATED SINGLE AND DUAL OUTPUT

The HL01R Series uses advanced circuit design and packaging technology to realize superior reliability and performance. Beat-frequency oscillator problems are reduced when using HL01R Series with high frequency isolation amplifiers.

- 500Vrms isolation test voltage
- Low leakage current - 2mA max
- Internal filtering
- Low barrier capacitance - 10pF
- 24-pin DIP and SMD packages
- Non-conductive case

Pin Connections		
Pin#	Singles	Duals
1	-VIN	-VIN
2	NU	-VOUT
3	NU	Common
10	-VOUT	Common
11	+VOUT	+VOUT
12	-VIN	-VIN
13	-VIN	-VIN
14	+VOUT	+VOUT
15	-VOUT	Common
22	NU	Common
23	NU	-VOUT
24	+VIN	+VIN

For quantities of 200 and up, call for quote.

MOUSER STOCK NO.	C&D Part No.	Fig.	Input Volts	Output Volts	Io (mA)	Price Each			
						1	25	50	100
Single Output DIP Package									
580-HB01U05S05Y	HB01U05S05Y	A	5	5	200	10.05	9.75	8.49	8.13
580-HB01U05S12Y	HB01U05S12Y	A	5	12	83	10.05	9.75	8.49	8.13
580-HB01U05S15Y	HB01U05S15Y	A	5	15	67	10.05	9.75	8.49	8.13
580-HB01U12S05Y	HB01U12S05Y	A	12	5	200	10.05	9.75	8.49	8.13
580-HB01U12S12Y	HB01U12S12Y	A	12	12	83	10.05	9.75	8.49	8.13
580-HB01U12S15Y	HB01U12S15Y	A	12	15	67	10.05	9.75	8.49	8.13
580-HB01U15S05Y	HB01U15S05Y	A	15	5	200	10.05	9.75	8.49	8.13
580-HB01U15S12Y	HB01U15S12Y	A	15	12	83	10.05	9.75	8.49	8.13
580-HB01U15S15Y	HB01U15S15Y	A	15	15	67	10.05	9.75	8.49	8.13
580-HB01U24S05Y	HB01U24S05Y	A	24	5	200	10.05	9.75	8.49	8.13
580-HB01U24S12Y	HB01U24S12Y	A	24	12	83	10.05	9.75	8.49	8.13
580-HB01U24S15Y	HB01U24S15Y	A	24	15	67	10.05	9.75	8.49	8.13
Dual Output DIP Package									
580-HB01U05D05Y	HB01U05D05Y	A	5	±5	100	11.91	11.55	10.07	9.64
580-HB01U05D12Y	HB01U05D12Y	A	5	±12	42	11.91	11.55	10.07	9.64
580-HB01U05D15Y	HB01U05D15Y	A	5	±15	34	11.91	11.55	10.07	9.64
580-HB01U12D05Y	HB01U12D05Y	A	12	±5	100	11.91	11.55	10.07	9.64
580-HB01U12D12Y	HB01U12D12Y	A	12	±12	42	11.91	11.55	10.07	9.64
580-HB01U12D15Y	HB01U12D15Y	A	12	±15	34	11.91	11.55	10.07	9.64
580-HB01U15D05Y	HB01U15D05Y	A	15	±5	100	11.91	11.55	10.07	9.64
580-HB01U15D12Y	HB01U15D12Y	A	15	±12	42	11.91	11.55	10.07	9.64
580-HB01U15D15Y	HB01U15D15Y	A	15	±15	34	11.91	11.55	10.07	9.64
580-HB01U24D05Y	HB01U24D05Y	A	24	±5	100	11.91	11.55	10.07	9.64
580-HB01U24D12Y	HB01U24D12Y	A	24	±12	42	11.91	11.55	10.07	9.64
580-HB01U24D15Y	HB01U24D15Y	A	24	±15	34	11.91	11.55	10.07	9.64
Single Output SMD Package									
580-HB01U05S05Z	HB01U05S05Z	B	5	5	200	10.05	9.75	8.49	8.13
580-HB01U05S12Z	HB01U05S12Z	B	5	12	83	10.05	9.75	8.49	8.13
580-HB01U05S15Z	HB01U05S15Z	B	5	15	67	10.05	9.75	8.49	8.13
580-HB01U12S05Z	HB01U12S05Z	B	12	5	200	10.05	9.75	8.49	8.13
580-HB01U12S12Z	HB01U12S12Z	B	12	12	83	10.05	9.75	8.49	8.13
580-HB01U12S15Z	HB01U12S15Z	B	12	15	67	10.05	9.75	8.49	8.13
580-HB01U15S05Z	HB01U15S05Z	B	15	5	200	10.05	9.75	8.49	8.13
580-HB01U15S12Z	HB01U15S12Z	B	15	12	83	10.05	9.75	8.49	8.13
580-HB01U15S15Z	HB01U15S15Z	B	15	15	67	10.05	9.75	8.49	8.13
580-HB01U24S05Z	HB01U24S05Z	B	24	5	200	10.05	9.75	8.49	8.13
580-HB01U24S12Z	HB01U24S12Z	B	24	12	83	10.05	9.75	8.49	8.13
580-HB01U24S15Z	HB01U24S15Z	B	24	15	67	10.05	9.75	8.49	8.13
Dual Output SMD Package									
580-HB01U05D05Z	HB01U05D05Z	B	5	±5	100	11.91	11.55	10.07	9.64
580-HB01U05D12Z	HB01U05D12Z	B	5	±12	42	11.91	11.55	10.07	9.64
580-HB01U05D15Z	HB01U05D15Z	B	5	±15	34	11.91	11.55	10.07	9.64
580-HB01U12D05Z	HB01U12D05Z	B	12	±5	100	11.91	11.55	10.07	9.64
580-HB01U12D12Z	HB01U12D12Z	B	12	±12	42	11.91	11.55	10.07	9.64
580-HB01U12D15Z	HB01U12D15Z	B	12	±15	34	11.91	11.55	10.07	9.64
580-HB01U15D05Z	HB01U15D05Z	B	15	±5	100	11.91	11.55	10.07	9.64
580-HB01U15D12Z	HB01U15D12Z	B	15	±12	42	11.91	11.55	10.07	9.64
580-HB01U15D15Z	HB01U15D15Z	B	15	±15	34	11.91	11.55	10.07	9.64
580-HB01U24D05Z	HB01U24D05Z	B	24	±5	100	11.91	11.55	10.07	9.64
580-HB01U24D12Z	HB01U24D12Z	B	24	±12	42	11.91	11.55	10.07	9.64
580-HB01U24D15Z	HB01U24D15Z	B	24	±15	34	11.91	11.55	10.07	9.64

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