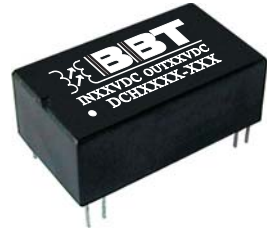


★ Features

The DCH-HV converter series have very excellent isolation characteristic. The small size DIP-package and light weight allows easy handling by pick-and-place Machines. They are ideally suited for heavy electrical machine interface or medical electrical equipment interface, such as Multi-parameter Patient Monitor etc.



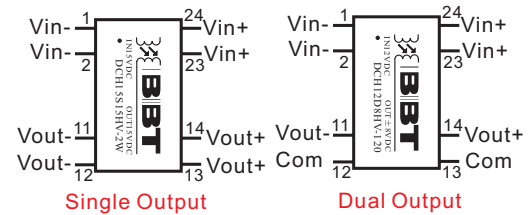
- ◆ DIP-Package: DIP24
- ◆ International Standard Pinout
- ◆ Fixed Input: 5/9/12/15/24VDC
- ◆ Input Voltage range :  $V_{in} \pm 10\%$
- ◆ I/O-Isolation : >4500VDC(60 second /0.5mA)
- ◆ Single output: 3.3/5/6/7/8/9/12/15(VDC)
- ◆ Dual output(±): 3.3/5/6/7/8/9/12/15(VDC)
- ◆ Output Voltage Accuracy :  $V_{out} \pm 5\%$
- ◆ Switching Frequency: 80~200KHZ
- ◆ Line voltage regulation: 1.25%/1% of  $V_{in}$
- ◆ Load voltage regulation: 8% load=20%~100%
- ◆ Ripple & Noise (20MHz): 100mVp-p, Max
- ◆ Temperature coefficient :  $\pm 0.02\%/1^\circ\text{C}$
- ◆ Operation temperature:  $-40^\circ\text{C} \sim +85^\circ\text{C}$

★ Product Program

Part Number	Input(V) $V_{in} \pm 10\%$	Output		Efficiency %(Min)
		Vout(V)	Iout(Max)	
DCH5S5HV-1W	5	5	200mA	75
DCH5S5HV-250	5	5	250mA	75
DCH5S6HV-1W	5	6	167mA	76
DCH5S7HV-1W	5	7	143mA	76
DCH5S8HV-1W	5	8	125mA	76
DCH5S9HV-1W	5	9	111mA	76
DCH5S12HV-1W	5	12	83mA	76
DCH5S15HV-1W	5	15	67mA	76
DCH5D5HV-100	5	±5	±100mA	76
DCH5D5HV-200	5	±5	±200mA	76
DCH5D6HV-100	5	±6	±100mA	76
DCH5D7HV-100	5	±7	±100mA	76
DCH5D8HV-120	5	±8	±120mA	76
DCH5D9HV-100	5	±9	±100mA	76
DCH5D12HV-100	5	±12	±100mA	76
DCH5D15HV-100	5	±15	±100mA	76
DCH12S5HV-1W	12	5	200mA	75
DCH12S5HV-250	12	5	250mA	75
DCH12S6HV-1W	12	6	167mA	76
DCH12S7HV-1W	12	7	143mA	76
DCH12S8HV-1W	12	8	125mA	76
DCH12S9HV-1W	12	9	111mA	76
DCH12S12HV-1W	12	12	83mA	76
DCH12S15HV-1W	12	15	67mA	76
DCH12D5HV-100	12	±5	±100mA	76
DCH12D5HV-200	12	±5	±200mA	76
DCH12D6HV-100	12	±6	±100mA	76
DCH12D7HV-100	12	±7	±100mA	76
DCH12D8HV-200	12	±8	±100mA	76
DCH12D9HV-100	12	±9	±100mA	76
DCH12D12HV-100	12	±12	±100mA	76
DCH12D15HV-100	12	±15	±100mA	76

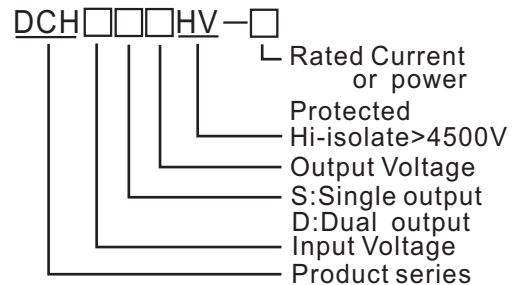
Other specifications please enquire

★ Pin Assignment



PIN	Single	Dual
1	Vin-	Vin-
2	Vin-	Vin-
11	Vout-	Vout-
12	Vout-	Common
13	Vout+	Common
14	Vout+	Vout+
23	Vin+	Vin+
24	Vin+	Vin+

★ Model Select Guide



★ Dimensions: (mm / Inch)

