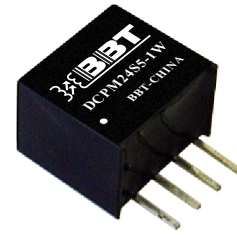


0.2~1W single output Fix input & Unregulated output DC/DC Converters SIP4-DCPM/J/K/L SERIES

★ Features

The SIP4-DCPM/DCPJ/DCPK/DCPL converter series have very excellent isolation characteristic. The small size SIP-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.



- ◆ SIP-Package: SIP4
- ◆ International Standard Pinout
- ◆ Fixed Input: 3.3/5/9/12/15/24/VDC
- ◆ Input Voltage range: $V_{in} \pm 10\%$
- ◆ I/O-Isolation: $>1500VDC$ (60 second / 0.5mA)
- ◆ Single output: 3.3/5/6/7/8/9/12/15/24 (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: $\pm 0.02\%/1^\circ C$
- ◆ Operation temperature: $-40^\circ C \sim +85^\circ C$
- ◆ MTBF up to 1.0 Million hours (25 $^\circ C$)

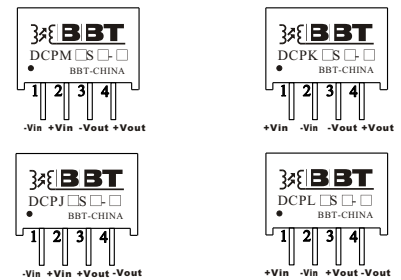
★ Product Program

Part Number	Input(V) $V_{in} \pm 10\%$	Output		Efficiency %(MIN)
		Vout(V)	Iout(Max)	
DCP□3S3-W5	3	3	167mA	70
DCP□5S3.3-100	5	3.3	100mA	70
DCP□5S3.3-200	5	3.3	200mA	70
DCP□5S5-W5	5	5	100mA	70
DCP□5S5-1W	5	5	200mA	70
DCP□12S8-100	12	8	100mA	70
Models				
$V_{in}=3.3VDC$		$V_{in}=9VDC$		DCP□12S15-1W
DCP□3.3S3.3-200	DCP□9S3.3-100	$V_{in}=15VDC$		
DCP□3.3S3.3-1W	DCP□9S3.3-200	DCP□15S3.3-100		
DCP□3.3S5-W5	DCP□9S3.3-1W	DCP□15S3.3-200		
DCP□3.3S5-1W	DCP□9S5-1W	DCP□15S3.3-1W		
DCP□3.3S8-100	DCP□9S6-100	DCP□15S5-1W		
DCP□3.3S9-100	DCP□9S7-100	DCP□15S6-100		
DCP□3.3S12-1W	DCP□9S8-100	DCP□15S7-100		
etc.	DCP□9S9-100	DCP□15S8-100		
$V_{in}=5VDC$		$V_{in}=12VDC$		DCP□15S9-100
DCP□5S3.3-100	DCP□9S12-1W	DCP□15S12-1W		
DCP□5S3.3-200	etc.	DCP□15S15-1W		
DCP□5S3.3-1W	$V_{in}=24VDC$		etc.	
DCP□5S5-W5	DCP□12S3.3-100	DCP□24S3.3-100		
DCP□5S5-1W	DCP□12S3.3-200	DCP□24S3.3-200		
DCP□5S6-100	DCP□12S3.3-1W	DCP□24S3.3-1W		
DCP□5S7-100	DCP□12S5-1W	DCP□24S5-1W		
DCP□5S8-100	DCP□12S6-100	DCP□24S6-100		
DCP□5S9-100	DCP□12S7-100	DCP□24S7-100		
DCP□5S12-1W	DCP□12S8-100	DCP□24S8-100		
DCP□5S15-1W	DCP□12S9-100	etc.		
etc.	DCP□12S12-1W	etc.		

□: M, J, K, L

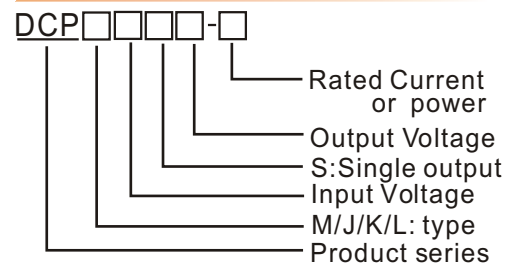
Other specifications please enquire

★ Pin Assignment

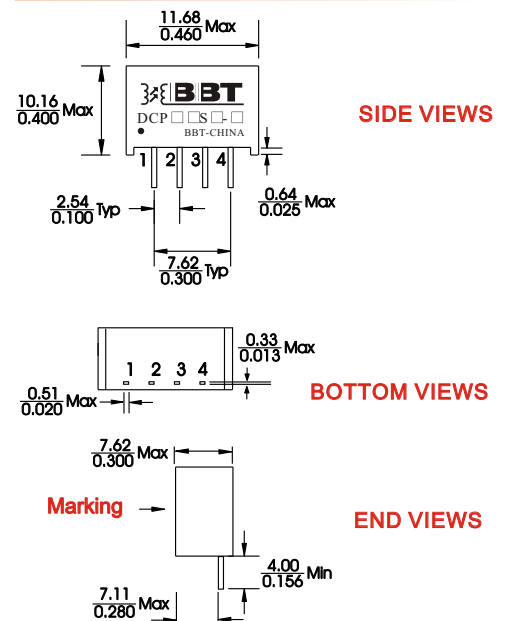


PIN	DCPM	DCPJ	DCPK	DCPL
1	-Vin	-Vin	+Vin	+Vin
2	+Vin	+Vin	-Vin	-Vin
3	-Vout	+Vout	-Vout	+Vout
4	+Vout	-Vout	+Vout	-Vout

★ Model Select Guide



★ Dimensions: (mm) (inch)



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