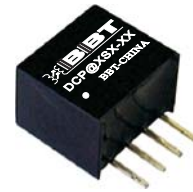


Fix input & Unregulated single Output 0.5~ 1W Ultra-Mini DC/DC

★Specifications (25°C)

Input Voltage	Vin: 3,3,3,5,9,12,15,24VDC
Input Voltage range	Vin ±10%
Output Voltage	Vout:3,3,3,5,9,12,15,24VDC
Output Voltage Accuracy	Vout ±5%
Line Regulation	1.25% (1% change of Vin)
Load Regulation	8% (Io=20% to 80%)
Ripple & Noise	10-100mVp-p (20MHz)
Temperature coefficient	±0.02%/1°C
Isolation Voltage Rated	1000VDC (60ms/0.5mA)
Isolation Resistance	Min:10GΩ (500VDC)
Isolation Capacitance	60-110pF
Switching Frequency	70-120KHz
MTBF	Up to 1.0 Million Hours(25
Operating Temperature	-40~85°C
Storage Temperature	-40~125°C
Humidity	95%(Max)
Cooling	Free-Air Convection
Package	Sip4:11.7X7.7X10.2mm
Weight	3.5g
Case Material	Non-Conductive Black Plastic

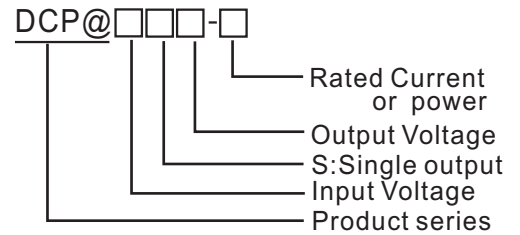


DCPM, DCPK
DCPJ, DCPL



DCPN, DCPV
DCPP, DCPX

★Model Select Guide



@ : M, K, J, L, N, V, P, X

DCP@: DCPM, DCPK, DCPJ, DCPL
DCPN, DCPV, DCPP, DCPX

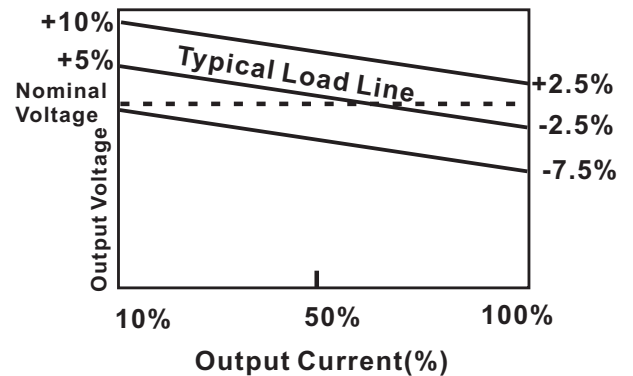
※: **General** DCPM
DCPK
DCPN

★Product Program

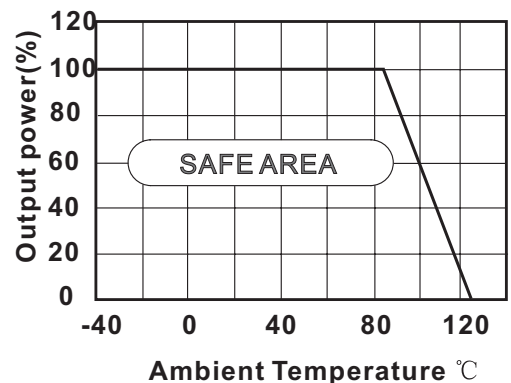
Part Number	Input(V) Vin±10%	Output		Efficiency %(MIN)
		Vout(V)	Iout(Max)	
DCP@5S3.3-1W	5 4.5~5.5	3.3	303	75
DCP@5S5-1W		5	200	77
DCP@5S9-1W		9	112	76
DCP@5S12-1W		12	83	77
DCP@5S15-1W		15	67	75
DCP@12S3.3-1W	12 10.8~13.2	3.3	303	75
DCP@12S5-1W		5	200	77
DCP@12S9-1W		9	112	76
DCP@12S12-1W		12	83	77
DCP@12S15-1W		15	67	75
DCP@15S3.3-1W	15 13.5~16.5	3.3	303	75
DCP@15S5-1W		5	200	77
DCP@15S9-1W		9	112	76
DCP@15S12-1W		12	83	77
DCP@15S15-1W		15	67	75
DCP@24S3.3-1W	24 21.6~26.4	3.3	303	75
DCP@24S5-1W		5	200	77
DCP@24S9-1W		9	112	76
DCP@24S12-1W		12	83	77
DCP@24S15-1W		15	67	75

★Derating Curve

Tolerance Envelope Graph



Temperature Derating Graph



Other specifications please enquire

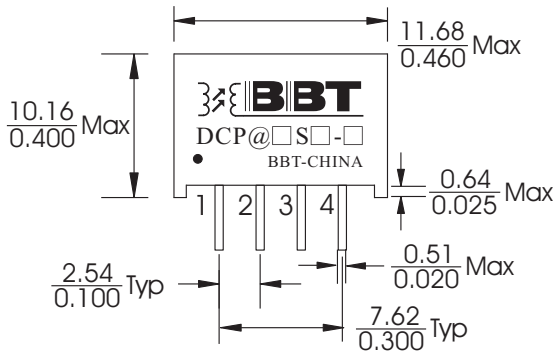


★Pin Define:

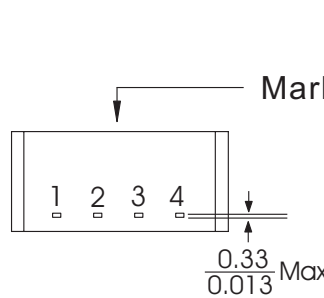
PIN	DCPM	DCPJ	DCPK	DCPL	DCPN	DCPV	DCPP	DCPX
1	-Vin	-Vin	+Vin	+Vin	-Vin	-Vin	+Vin	+Vin
2	+Vin	+Vin	-Vin	-Vin	+Vin	+Vin	-Vin	-Vin
3	-Vout	+Vout	-Vout	+Vout	-Vout	+Vout	-Vout	+Vout
4	+Vout	-Vout	+Vout	-Vout	+Vout	-Vout	+Vout	-Vout

★Dimensions: (mm)
(Inch)

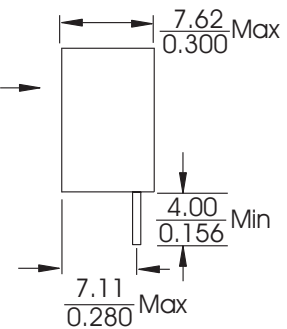
DCPM, DCPK, DCPJ, DCPL Series



Side Views

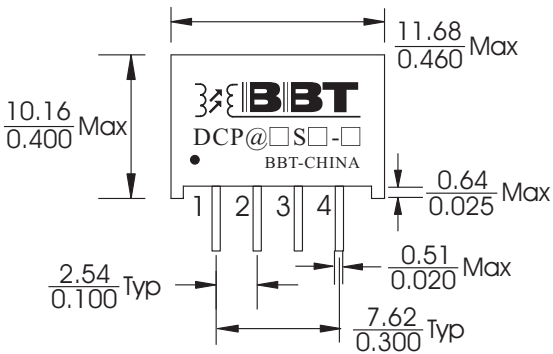


Bottom Views

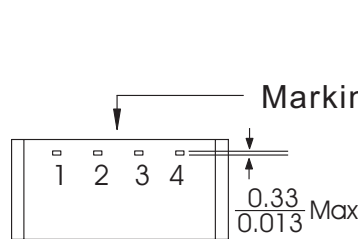


End Views

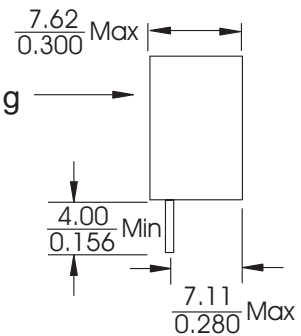
DCPN, DCPV, DCPJ, DCPX Series



Side Views



Bottom Views



End Views

★Application

Vin	Cin	Vout	Cout
3.3V	4.7uF	5V	10uF
5V	3.3uF	9V	4.7uF
12V	2.2uF	12V	2.2uF
24V	1uF	24V	1uF

