

**DBV-1 SERIES, 1WATT, REGULATED WITH 2:1 INPUT RANGE**

**FEATURES:**

- ✓ Wide (2:1) input voltage range
- ✓ 1500Vdc isolation voltage
- ✓ Regulated isolated twin output models
- ✓ Continuous short circuit protection
- ✓ Operating temperature range -40°C to +85°C
- ✓ 3 year warranty



Model	Input voltage (Vdc)	Output voltage (Vdc)	Output current (mA)		Efficiency Typ.
			Min.	Max.	
DBV1-0501	5(4.5~9)	5, 5	10	100	80%
DBV1-0502		9, 9	5.5	55	80%
DBV1-0503		12, 12	4.0	40	80%
DBV1-0504		15, 15	3.3	33	80%
DBV1-0505		24, 24	2.1	21	80%
DBV1-1201	12(9~18)	5, 5	10	100	80%
DBV1-1202		9, 9	5.5	55	80%
DBV1-1203		12, 12	4.0	40	80%
DBV1-1204		15, 15	3.3	33	80%
DBV1-1205		24, 24	2.1	21	80%
DBV1-2401	24(18~36)	5, 5	10	100	80%
DBV1-2402		9, 9	5.5	55	80%
DBV1-2403		12, 12	4.0	40	80%
DBV1-2404		15, 15	3.3	33	80%
DBV1-2405		24, 24	2.1	21	80%

Notes: other input and output models may available on request.

**ELECTRICAL**

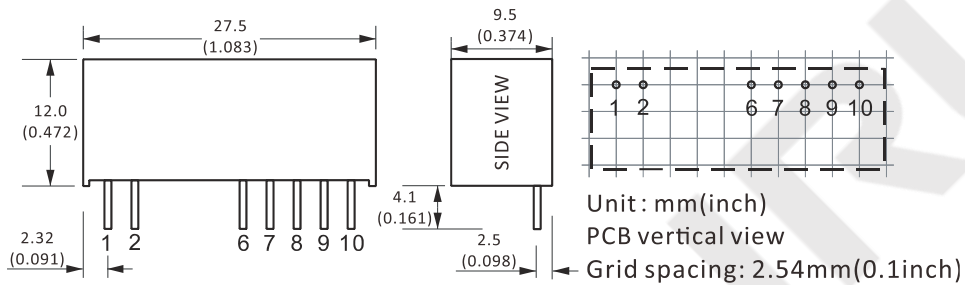
Line regulation	---	±0.2%
Load regulation	10% ~ 100% full load	±0.5%
Ripple and noise	---	100mVp-p max.
Isolation voltage	---	1500Vdc
Short circuit protection	---	Continuous short circuit protection
Operating temperature range	---	-40°C to +85°C
MTBF	---	1000KHrs
Weight	---	4.5g

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ELECTRICAL

Notes: All the parameters are measured at 25°C ambient temperature, humidity < 75%, nominal input voltage, full load and after warm-up, unless otherwise specified.

MECHANICAL



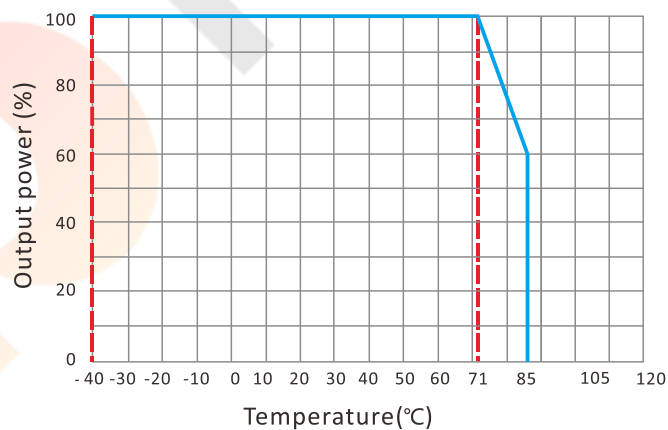
CONNECTION

PIN #	ISOLATED TWIN
1	GND
2	+Vin
6	+Vo1
7	-Vo1
8	CS
9	-Vo2
10	+Vo2

Note:

\* Unit is mm(inch).

ELECTRICAL CURVE



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**NOTES**

**RECOMMENDED TEST AND APPLICATION CIRCUIT**

**ISOLATED TWIN OUTPUT**

