

DAF-3 SERIES, 3WATT, $\pm 10\%$ INPUT RANGE
FEATURES:

- ✓ 1000Vdc isolation voltage
- ✓ Metal case with low ripple and noise
- ✓ Operating temperature range -40°C to $+70^{\circ}\text{C}$
- ✓ 3 year warranty

Model	Input voltage (Vdc)	Output voltage (Vdc)	Output current (mA)	Efficiency Typ.
DAF3-0511	5(4.5~5.5)	5	600	60%
DAF3-0512		9	333	60%
DAF3-0513		12	250	62%
DAF3-0514		15	200	60%
DAF3-0515		24	125	60%
DAF3-0521		± 5	300	60%
DAF3-0522		± 9	167	60%
DAF3-0523		± 12	125	60%
DAF3-0524		± 15	100	60%
DAF3-0525		± 24	60	60%
DAF3-1211	12(10.8~13.2)	5	600	60%
DAF3-1212		9	333	60%
DAF3-1213		12	250	62%
DAF3-1214		15	200	60%
DAF3-1215		24	125	60%
DAF3-1221		± 5	300	60%
DAF3-1222		± 9	167	60%
DAF3-1223		± 12	125	60%
DAF3-1224		± 15	100	60%
DAF3-1225		± 24	60	60%
DAF3-2411	24(21.6~26.4)	5	600	60%
DAF3-2412		9	333	60%
DAF3-2413		12	250	64%
DAF3-2414		15	200	60%
DAF3-2415		24	125	60%
DAF3-2421		± 5	300	60%
DAF3-2422		± 9	167	60%
DAF3-2423		± 12	125	60%
DAF3-2424		± 15	100	60%
DAF3-2425		± 24	60	60%

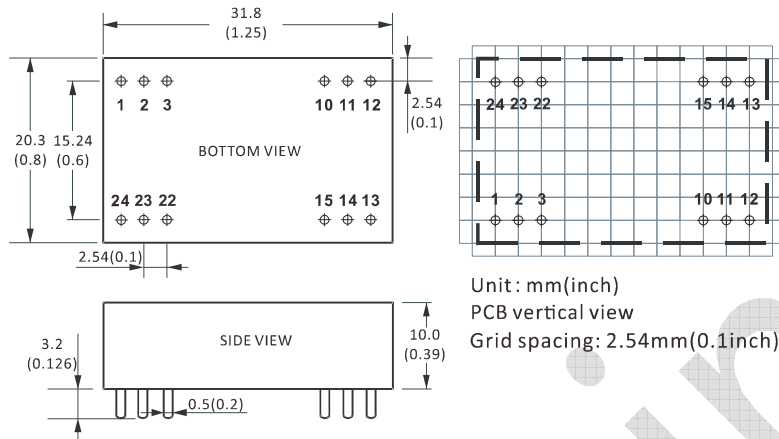
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Notes: other input and output models may available on request.

ELECTRICAL

Output voltage accuracy (Full voltage, full load)	+Vo -Vo	±2% max. ±3% max.
Line regulation	Nominal Load, full voltage	±0.5% max.
Load regulation	20% ~ 100% full load	±3% max.
Ripple and noise	20MHz BM, full load	50mVp-p max.
Operating frequency	Typical value	80KHz typ.
Isolation voltage (<1mA/min)	Input to output	1000Vdc
Isolation resistance	---	1000mΩ
Temperature coefficient	---	±0.02%/°C max.
Operating temperature range	---	-25°C to +70°C
Storage temperature range	---	-40°C to +125°C
Short circuit protection	---	1s
Relative humidity	---	10%-95%
MTBF	Bellcore TR-332, 25°C	600KHrs
Weight	---	18g

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.

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MECHANICAL

CONNECTION

PIN #	SINGLE	DUAL
1	+Vin	+Vin
2	NC	-Vo
3	NC	COM
10	-Vo	COM
11	+Vo	+Vo
12	GND	GND
13	GND	GND
14	+Vo	+Vo
15	-Vo	COM
22	NC	COM
23	NC	-Vo
24	+Vin	+Vin

Note:

* Unit is mm(inch).