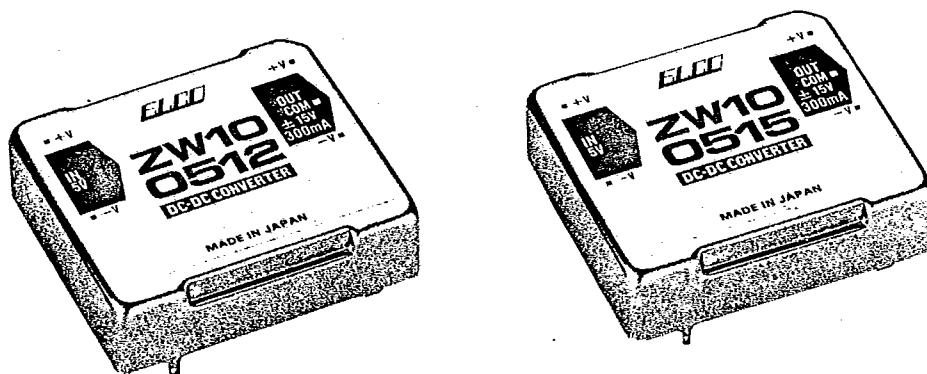


NEW

Z SERIES DC-DC CONVERTER

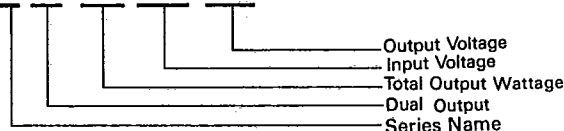
ZW10 10W Dual Output

SUPERTEK


Z Series DC-DC Converter. Designed for Small Size and High Reliability.

- Isolated Output.
- Over Current Protection.
- Small, Compact size.

ORDERING INFORMATION

ZW100512


SPECIFICATIONS

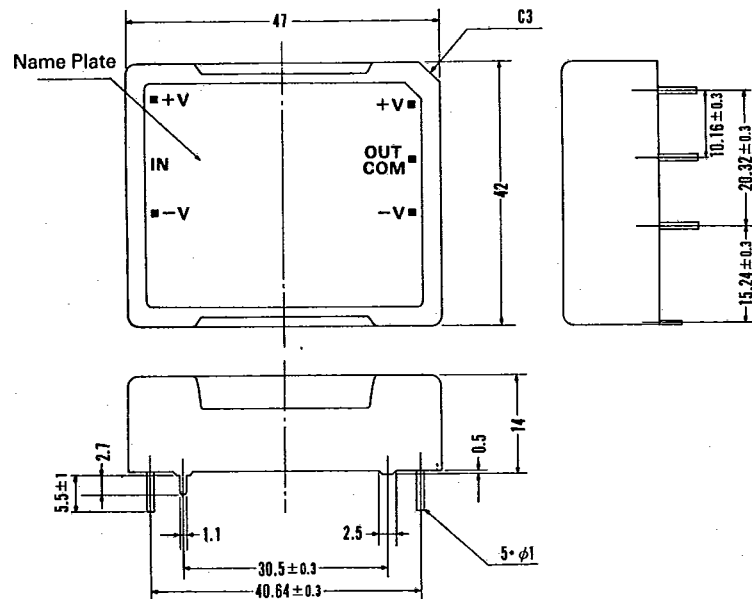
	MODEL	ZW100512	ZW100515	ZW101212	ZW101215	ZW102412	ZW102415
INPUT	VOLTAGE (V)	5 (4.5~6.0)		12 (10~15)		24 (20~30)	
	EFFICIENCY (%)	72 typ		80 typ		80 typ	
OUTPUT	VOLTAGE (V)	±12	±15	±12	±15	±12	±15
	CURRENT (A)	0.35	0.3	0.45	0.35	0.45	0.35
	REGULATION LINE (mV)	60max	75max	60max	75max	60max	75max
	REGULATION LOAD (mV)	600max	750max	600max	750max	600max	750max
	RIPPLE (mVp-p)	120max	120max	120max	120max	120max	120max
	RIPPLE NOISE (mVp-p)	120max	120max	120max	120max	120max	120max
	TEMPERATURE DRIFT (mV) (0~+55°C)	120max	150max	120max	150max	120max	150max
	OUTPUT VOLTAGE SETTING (%)	±5max					
PROTECTION CIRCUIT	OVER CURRENT PROTECTION	Works at over 105% of rating and recovers automatically					
ELECTRICALLY ISOLATED	HIGH POT.	Input-Output, Input-Case, Output-Case AC500V 1minute(At room Temperature and Humidity)					
	ISOLATION	Input-Output, Input-Case, Output-Case DC500V 50MΩ(At room Temperature and Humidity)					
ENVIRONMENT	OPERATING TEMP. AND HUMID.	0~+55°C, 20~90%RH(Non condensing)					
	STORAGE TEMP. AND HUMID.	-20~+75°C, 20~90%RH(Non condensing)					
	VIBRATION	10~55Hz at 2G 3minutes period 30minutes along X, Y and Zaxis					
	IMPACT	50G for 11ms, once on each X, Y, Zaxis					

* No parallel operation is permitted.

ZW10

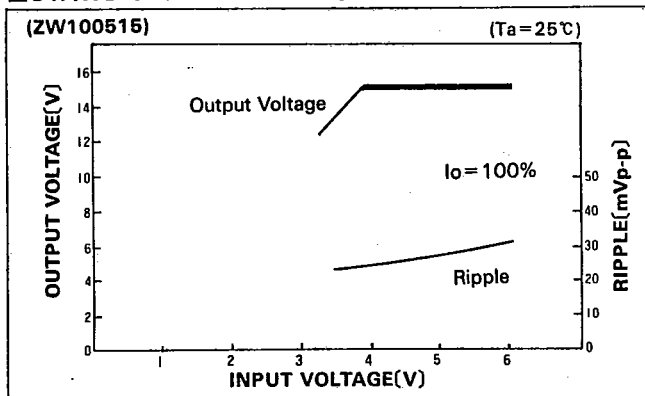
SUPERTEK

EXTERNAL VIEW

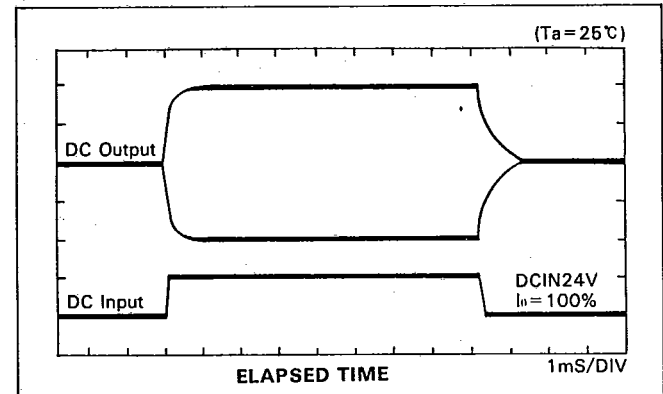


* Weight: 75g or less.
* Tolerance: ± 1.0
* Dimension in mm.

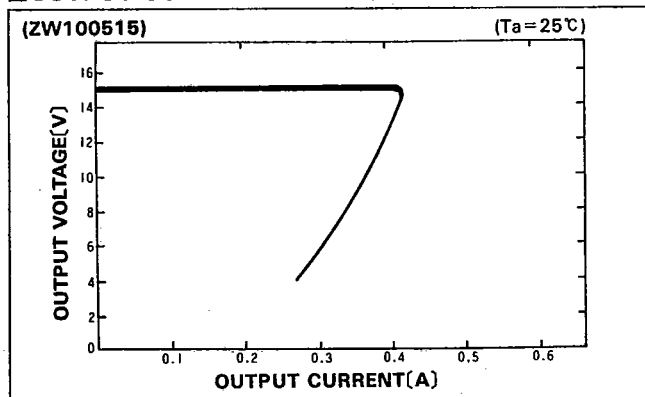
STATIC CHARACTERISTICS



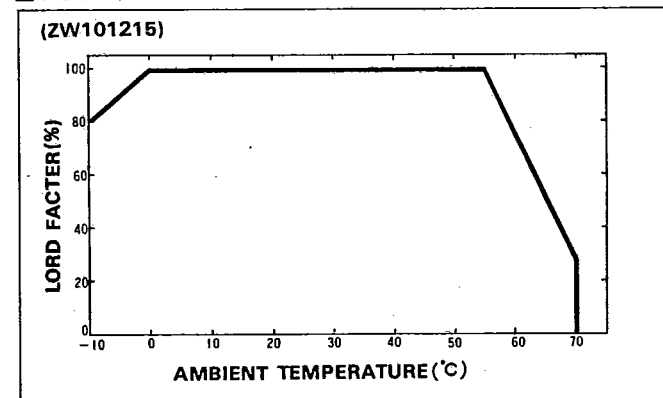
RISE TIME & FALL TIME



OUTPUT CURRENT V.S. OUTPUT VOLTAGE



POWER DERATING CURVE



* Z series switching power supplies are warranted for one year period.
* All the above specifications are subject to change without notice.