

10 Watt Triple Output

- Wide input voltage range
- Three outputs with flexible power
- Galvanical isolation between unipolar and bipolar outputs
- Very compact
- No external circuitry required
- Electromagnetic emission EN 55022 < B

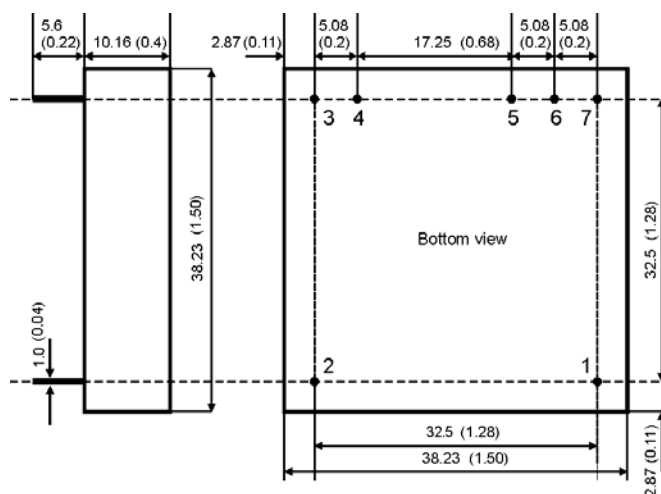


No-load input current	$U_e = 24V : 15mA$ $U_e = 36V : 14mA$
Switching frequency	150kHz
Output voltage accuracy	$\pm 2\%$ max
Static line regulation (10% load)	$< 0.01\%$
Static load regulation FL to 10%	5V outputs 1.0% typ. 12V, 15V outputs 0.4% typ.
Cross regulation FL to 10%	$< 2\%$
Output voltage noise (BW 20 MHz)	60mVpp typ.
Efficiency	5V outputs 84% typ. 12V, 15V outputs 88% typ.
Ambient temperature range	$-40...+71^\circ C$
Case temperature	$-40...+105^\circ C$
Storage temperature	$-55...+125^\circ C$
Case material	Non-conductive plastic, UL94 V-0 rated

Standard types	Input voltage range VDC	Output	
		VDC	LOAD
312-12012-05	16...50 (nominal 24V and 36V) 55V for 10ms Repetition rate 10s	5/ ± 12	0...100% on each output
312-15015-05		5/ ± 15	

Modifications are available upon request

Dimensions in mm (inches)



Pin Configurations

Pin No.	Function	Electrical Determination
1	V_i+	Input voltage (positive)
2	V_i-	Input voltage (negative)
3	V_o1-	Output voltage (negative)
4	V_o1+	Output voltage (positive)
5	V_o3-	Output voltage (negative)
6	$V_o2/3com$	Output voltage (common)
7	V_o2+	Output voltage (positive)