

D Series



12 Volt Input Dc to Ac Inverter

04/27/04

DMA260J

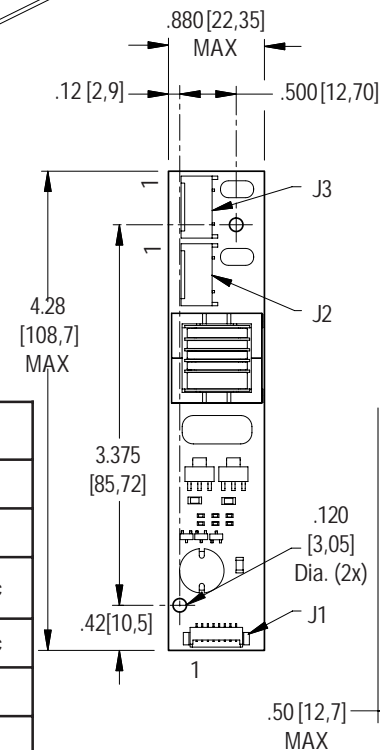
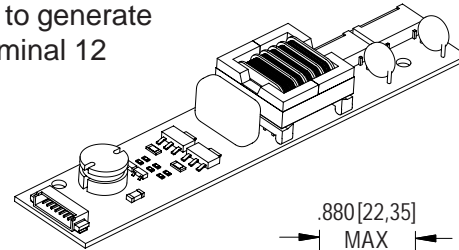
The DMA260J is a generic dc to ac inverter designed to generate 6 marms into a 500 - 600 volt load (CCFT) from a nominal 12 volt dc source.

FEATURES

- Low Profile
- Display compatible connector
- High efficiency

PHYSICAL SPECIFICATIONS

- Size: .88" x 4.28" x .50"
(without input connector) (22,35mm x 108,7mm x 12,7mm)
- Weight: 30 grams
- Operating Temperature: 0° to +85°C
- Storage Temperature: -40° to +85°C
- Humidity: 95% RH Max



PCB components are shown for reference only. Actual product may differ from that shown.

Characteristics	Value	Units	Note(s)
Input Voltage	10.8 - 12.62	Volts dc	
Input Current	0.59 typ	Adc	$R_L = 92 \text{ Kohms}$
Minimum No Load Output Voltage	1500	Vrms	$V_{in} = 12.00 \text{ Vdc}$
Frequency	37 typ	Khz	$V_{in} = 12.00 \text{ Vdc}$
Output Current	6.0	marms	$R_L = 92 \text{ Kohms}$
Efficiency	90	%	Typical

The maximum input current (which indicates an overload condition) is .7 Adc maximum.
Input voltage specification modified for clarity on 4/2004.

Input Connector: Molex 532-61-0890
Output Connectors: JST SM02(8.0)B-BHS-1-TB

Inverters specifically designed to match most popular LCD modules are also available. Contact your authorized distributor or ERG direct.

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Pin Descriptions

J2-1 ACout	J1-1 Vin	J3-1 ACout
J2-2 ACcommon	J1-2 Vin	J3-2 ACcommon
	J1-3 GND	
	J1-4 GND	
	J1-5 Enable	
	J1-6 N/C	
	J1-7 N/C	
	J1-8 N/C	