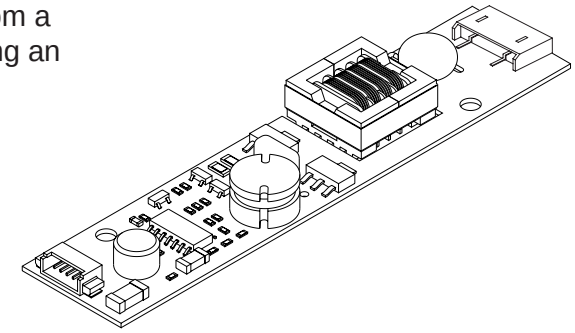
D Series

12 Volt Input Dc to Ac Inverter

D8mD60J

The D8mD60J is a generic dc to ac inverter designed to generate 6 marms into a 500 - 700 volt load (CCFT) from a nominal 12 volt dc source. It can be easily dimmed using an external analog control signal.



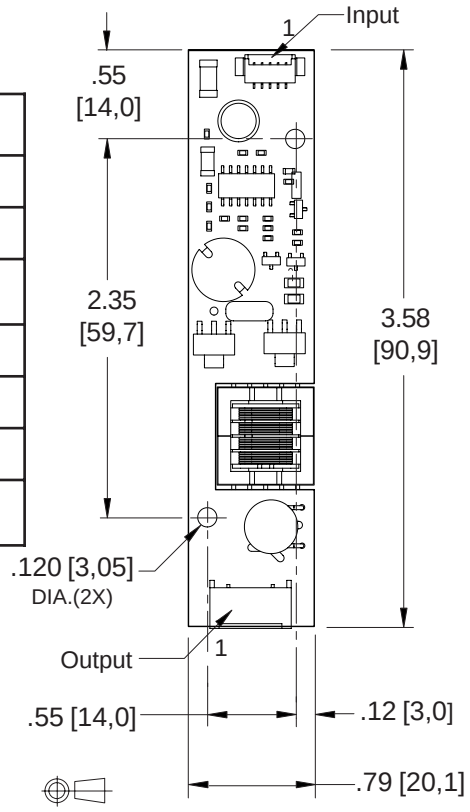
FEATURES

- Low Profile
- Display compatible connector
- High efficiency

PHYSICAL SPECIFICATIONS

Size:	.79” x 3.58” x .32”
(without input connector)	(20,1mm x 90,9mm x 8mm)
Weight:	15 grams
Operating Temperature:	0º to +85ºC
Storage Temperature:	-40º to +85ºC
Humidity:	95% RH Max

Characteristics	Value	Units	Note(s)
Input Voltage	6 - 13.2	Volts dc	
Input Current	.39 typ	Adc	R_L = 100 Kohms
Minimum No Load Output Voltage	1500	Vrms	Vin = 12.00 Vdc
Frequency	37typ	Khz	Vin = 12.00 Vdc
Output Current	6.0	marms	R_L = 100 Kohms
Efficiency	77	%	Typical
The maximum input current (which indicates an overload condition) is 1.0 Adc maximum			



Input Connector: Molex 53261-0590
Output Connector: JST SM02(8.0)B-BHS-1-TB or Yeon Ho 20015WR-05A00

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

Pin Designation	
J1-1 Vin(+) J1-2 Vin(-) J1-3 Enable J1-4 Control J1-5 N/C	J2-1 ACout J2-2 ACcom

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Connection and Application Information

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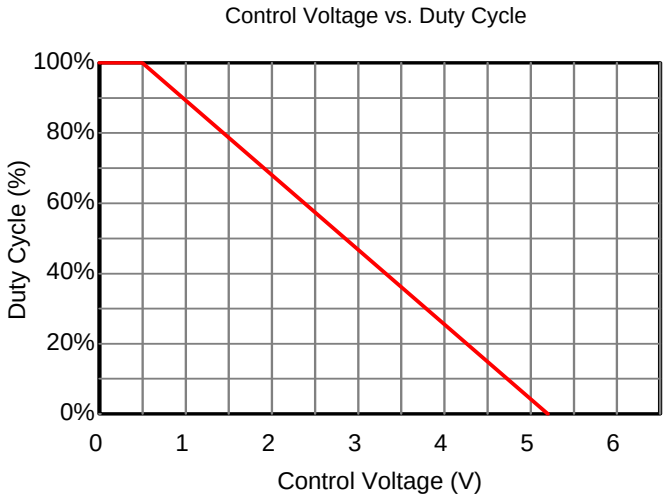

Graph 1