

D Series



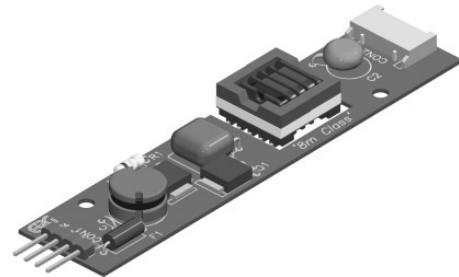
5 Volt Input Dc to Ac Inverter

D05M60J

The D05M60J is a generic dc to ac inverter designed to generate 6 marms into a 350 - 550 volt load (CCFT) from a nominal 5 volt dc source.

FEATURES

- Low Profile
- Display compatible connector
- High efficiency



PHYSICAL SPECIFICATIONS

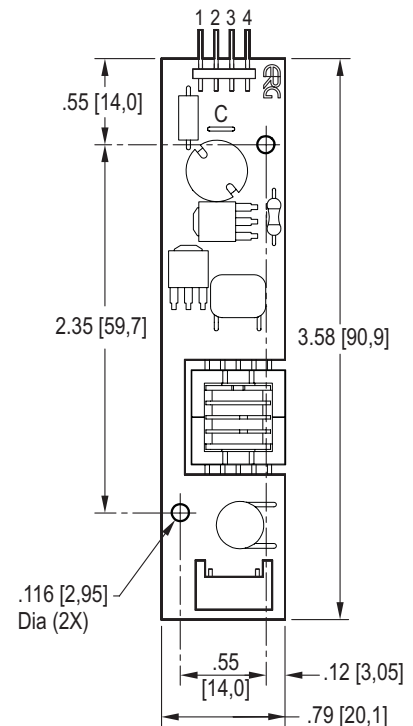
- Size: .79" x 3.58" x .32"
(without input connector) (20,1mm x 90,9mm x 8mm)
- Weight: 11.4 grams
- Operating Temperature: 0° to +70°C
- Storage Temperature: -20° to +85°C
- Humidity: 95% RH Max

Characteristics	Value	Units	Note(s)
Input Voltage	4.5 - 5.5	Volts dc	
Input Current	.80 typ	Adc	$R_L = 75 \text{ Kohms}$
Minimum No Load Output Voltage	1200	Vrms	$V_{in} = 5.00 \text{ Vdc}$
Frequency	43 typ	Khz	$V_{in} = 5.00 \text{ Vdc}$
Output Current	6.0	marms	$R_L = 75 \text{ Kohms}$
Efficiency	75	%	Typical
The maximum input current (which indicates an overload condition) is 1.0 Adc maximum			

Input Connector: 4 position right angle header
(.025" square, .100" centers)

Output Connector: 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.



1. Vin(+)
2. Vin(-)
3. Control
4. NC

Endicott Research Group, Inc.

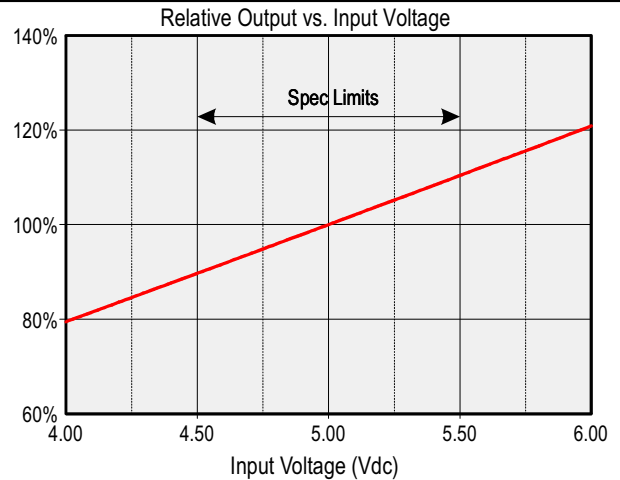
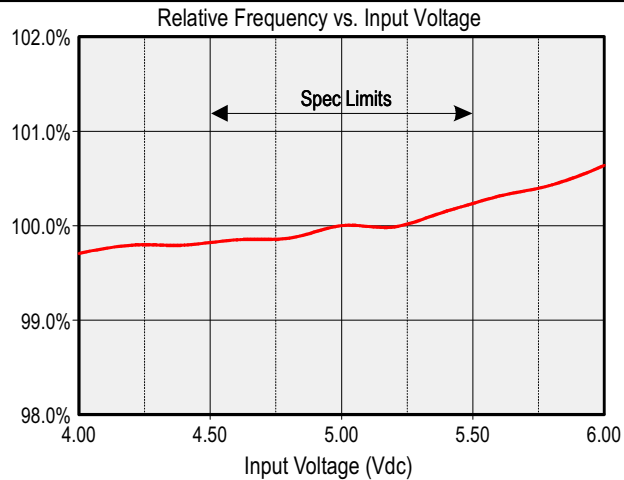
2601 Wayne Street Endicott, New York 13760
607-754-9187 fax 607-754-9255
<http://www.ergpower.com>



Connection and Application Information

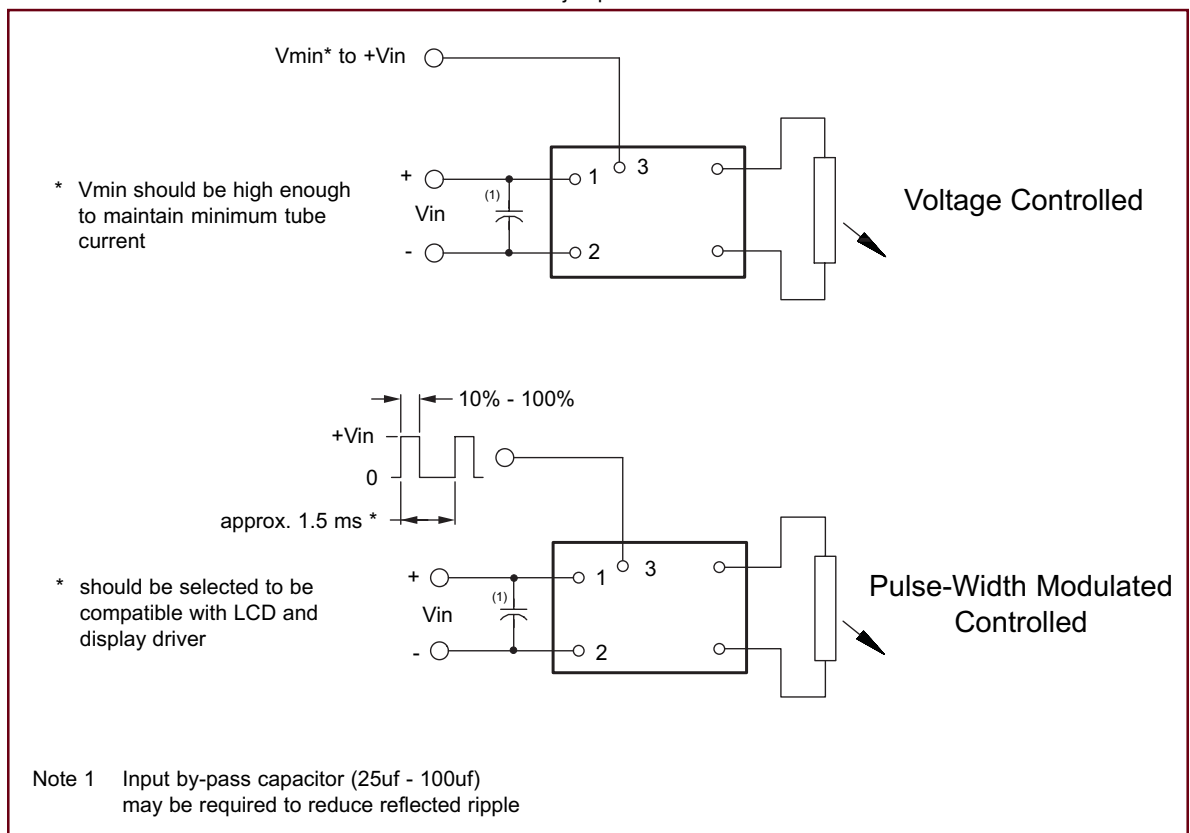
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Dimming and Control Options

With "C" jumper removed



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Specifications are subject to change without notice.

3/24/99

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