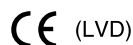




- Split bobbin wound
- PCB mounting
- UL and CSA approved
- 220VAC input
- Short circuit protection

This encapsulated, sub-miniature PC-mountable linear power module comprises of 1 single output model for a wide variety of printed circuit board applications. For maximum safety, all power transformers are split bobbin wound, rather than layer wound, to give total isolation with low coupling capacitance between primary and secondary. Conservative design and rating of these modules results in reliable operation and long life. Standard input voltage is 220VAC. This sub-miniature module is ideal for lower power applications where minimum circuit board space is available.

[2 YEAR WARRANTY]



SPECIFICATION

All specifications are typical at nominal input, full load at 25°C unless otherwise stated

OUTPUT SPECIFICATIONS		
Voltage accuracy		±1.0% max.
Line regulation		±0.02%
Load regulation		±0.02%
Temperature coefficient		±0.02%/°C
Output power limit	Typical	130% to 200% FL
Short circuit protection	Switch off/on	100% to 200% FL
INPUT SPECIFICATIONS		
Input voltage range		220±20VAC
Input frequency range		47Hz to 400Hz
Safety ground leakage current		Less than 3.5mA @ 50Hz

GENERAL SPECIFICATIONS		
Efficiency		40% typical
Isolation voltage		2500VAC
Switching frequency		Linear
Approvals and standards	Safety	CSA C22.2-143/-154 UL478
Case material		Non-conductive black plastic
Weight		340g (12oz)
MTBF	See Note 2	710,000 hours
ENVIRONMENTAL SPECIFICATIONS		
Thermal performance	Operating amb. Non-operating amb. Derating, 50°C to 71°C Cooling	-25°C to +71°C -25°C to +85°C 2.5%/°C Free-air convection cooled
Relative Humidity	Non-condensing	20% to 95% RH
Vibration		Encapsulated

International Safety Standard Approvals



UL478 Reg. File No. E131987



CSA C22.2 No. 143 and No. 154 Reg. File No. LR59996/LR101320

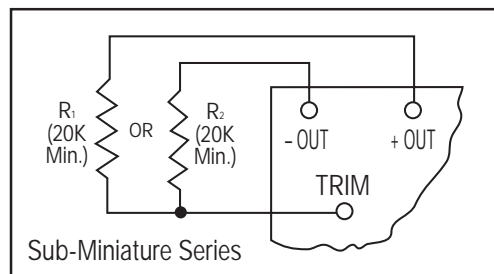
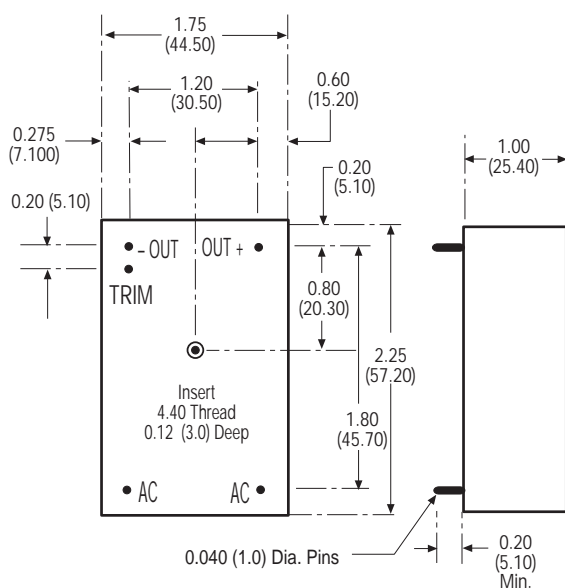
1.2 Watt AC/DC encapsulated modules

OUTPUT VOLTAGE	OUTPUT CURRENT	OVP	REGULATION		RIPPLE AND NOISE	CASE	MODEL NUMBER ⁽¹⁾
			LINE	LOAD			
12VDC	100mA	No	±0.02%	±0.02%	0.5mV rms	A	PM563D

Notes

- 1 Trim connection on all sub-miniature series modules provides a means of externally adjusting a units output voltage precisely to its labelled value. To raise the output voltage, connect a resistance (20k Ω , min.) between the trim terminal and the positive (+) output terminal. To lower the output voltage, connect a resistance (20k Ω , min.) between the trim terminal and the negative (-) output terminal.
- 2 M.T.B.F. figures are based on actual product performance. Consult factory for details.
- 3 All models are only for inclusion by professional installers within other equipment and must not be operated as a stand alone product.

CASE A



ALL DIMENSIONS IN INCHES (mm)