

36396-FN

12VDC 4.7" x 1-1/2" (120 x 38mm) Fan with Speed Control

MFG: TKFAN

P/N: DCH12038HV12B

Volts: 12VDC

Current: 2.5A

CFM: ~285

Noise: ~72db

Ball bearing Fan with Plastic blades & housing.

PWM or DC speed control:

DC: 0-10V Linear Increase Above 1V

PWM: 25 to 30KHz @ <0.8V Low 3-10V High

Duty Cycle: 10-100% Linear increase above 10%

Black is Negative, Yellow is Positive, Blue is PWM input

7" Wire Leads with Molex Plug

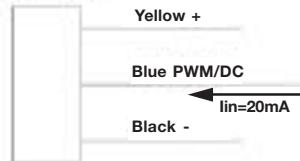
Approvals: CE, RoHS

SQ: 4-11/16" (120mm) **T:** 1-1/2" (38mm) **WT:** .9



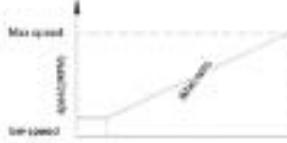
PWM & DC Speed Control

Crossline diagram



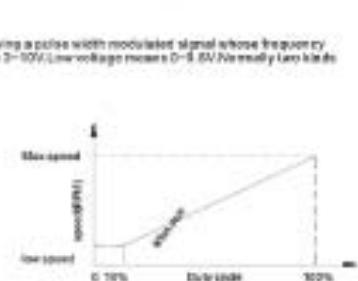
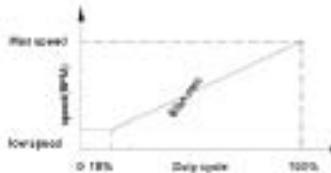
PWM (DC Voltage control) Introduction

With this feature, the speed can be controlled by applying an audio DC voltage signal. This voltage input "lin" may have any value from 0V to 10V(5V-10V is allowed, it's depending on your application). Normally two kinds of "speed vs DC voltage curves" are used.

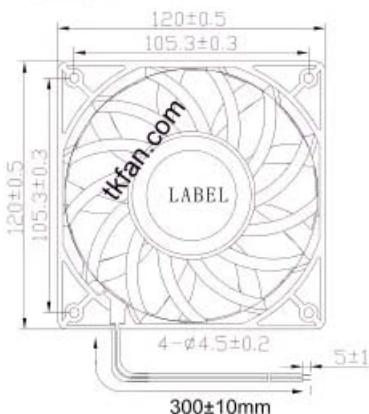


PWM (DC voltage control) Introduction

With this function, the speed can be controlled by applying a pulse width modulated signal whose frequency is in the range of 250 Hz-500 Hz. High voltage means 3-10V, Low voltage means 0-5V. Normally two kinds of "Speed vs Duty cycle curves" are used.



DIMENSIONS DRAWING(unit:mm)



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MARLIN P. JONES & ASSOC., INC.

P.O. Box 530400 Lake Park, FL 33403
800-652-6733 FAX 561-844-8764
WWW.MPJA.COM

