

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

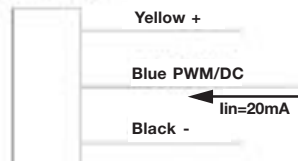
Approvals: CE, RoHS

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



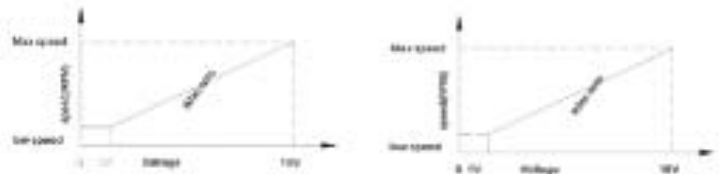
PWM & DC Speed Control

Connect Diagram



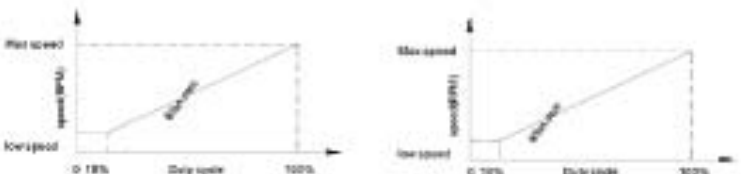
PWM (DC Voltage control) Introduction

With this function, the speed can be controlled by applying an extra DC voltage signal. This voltage input "VIN" may have any value from 0V to 10V/5V-6V or, at least, it's depending on your application. Normally two kinds of "speed" (VIN 0V voltage control) are used.

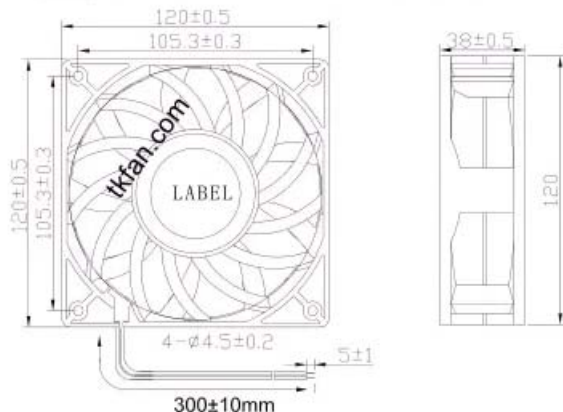


PWM (duty cycle control) Introduction

With this function, the speed can be controlled by applying a pulse width modulated signal whose frequency range is in the range of 25KHz-30KHz. High voltage means 3-10V. Low voltage means 0-1.8V. Normally two kinds of "Speed" (duty cycle control) are used.



DIMENSIONS DRAWING(unit:mm)



Information including Drawings, Schematics, Links and Code (Software) Supplied or Referenced in this Document is supplied by MPJA inc. as a service to our customers and accuracy or usefulness is not guaranteed nor is it an Endorsement of any particular part, supplier or manufacturer. Use of information and suitability for any application is at users own discretion and user assumes all risk.

Information Subject to Change Without Notice

All rights are retained by the respective Owners/Author(s)



MARLIN P. JONES & ASSOC., INC.

P.O. Box 530400 Lake Park, FL 33403

800-652-6733 FAX 561-844-8764

WWW.MPJA.COM