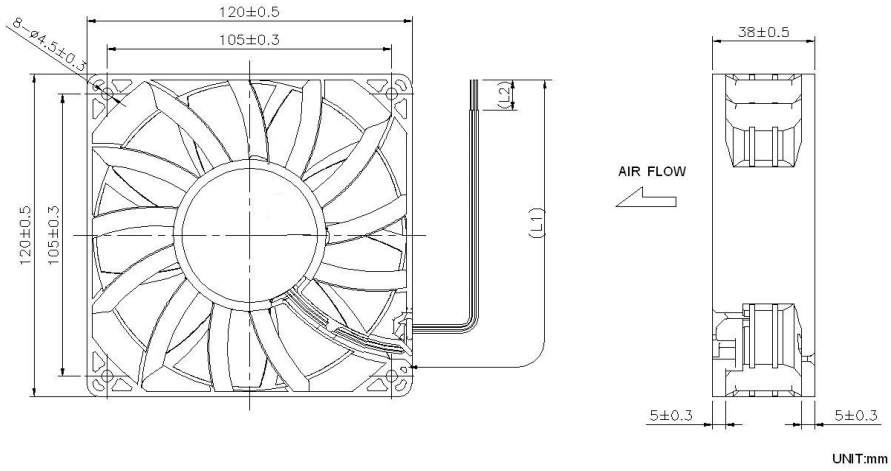
OD1238 XJ Series

DC Fan 12V

120x38mm (4.7″x 1.5″)



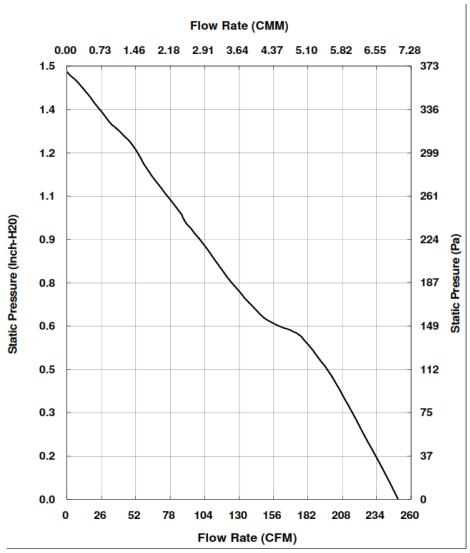
Frame & Impeller	PBT, UL94V-O plastic
Connecion	3x Lead wires *
Motor	Brushless DC, auto restart, polarity protected.
Bearing System	Dual ball bearing
Insulation Resistance	Min. 10M at 500VDC
Dielectric Strength	1 minute at 500 VAC, max leakage < 500 MicroAmp
Temperature Range	-10C ~ +70C
Storage Temperature	-40C ~ +80C
Life (L10)	70,000 hours (40C)

Tachometer - Open Collector

Weight: ~ 375 g

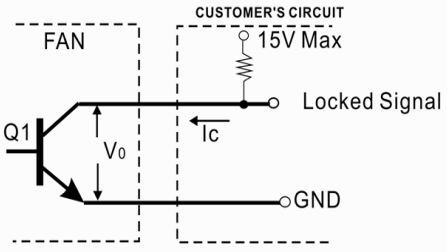
* Connection
UL1007, 24AWG, ~320mm
Red (+)
Black (-)
White Tachometer

m1



Part Number	OD1238-12HBXJ01A
Nominal Voltage	12V DC
Voltage Range	7 ~ 13.2V DC
Rated Current	3.70 A
Rated Power	44.4 W
Rated Speed (RPM)	6000
Airflow (CFM)	250
Noise Level (dB)	69
Max. Static Pressure	1.48" H_2O

*Output type.....Open collector type
*Electrical design suggestion:



*Transistor Q1 at "ON" position
Collector current.....I_C=10mA Max
Saturation Voltage.....V_{OL}=1.0V Max
(Between Collector and Emitter at I_C=10mA)
*Transistor Q1 at "OFF" position
Release Voltage.....V_{OH}=15V Max

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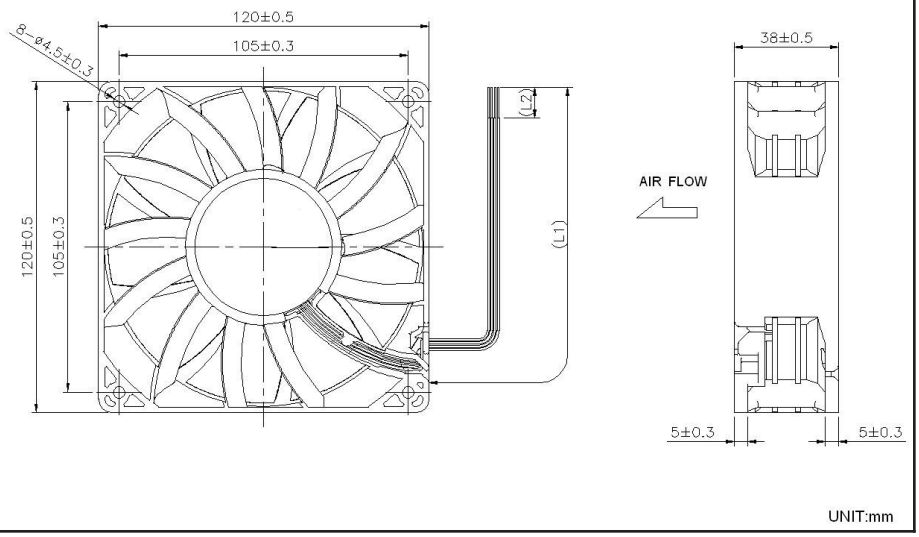
Orion Fans

OD1238 XJ Series

DC Fan 12V

120x38mm (4.7″x 1.5″)



Frame & Impeller	PBT, UL94V-O plastic
Connecion	4x Lead wires *
Motor	Brushless DC, auto restart, polarity protected.
Bearing System	Dual ball bearing
Insulation Resistance	Min. 10M at 500VDC
Dielectric Strength	1 minute at 500 VAC, max leakage < 500 MicroAmp
Temperature Range	-10C ~ +70C
Storage Temperature	-40C ~ +80C
Life (L10)	70,000 hours (40C)

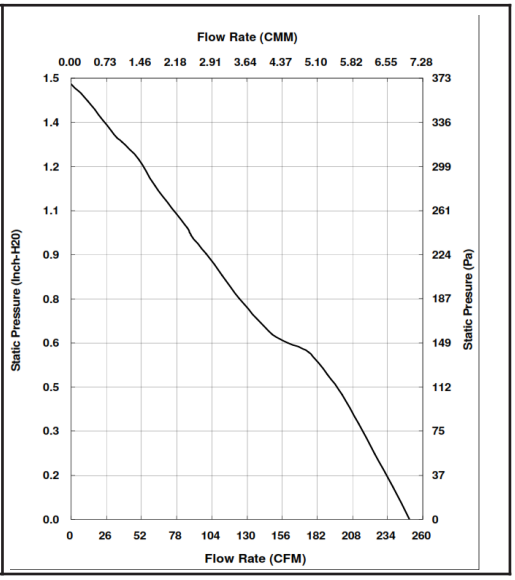
———

Tachometer - Open Collector PWM

Weight: ~ 375 g

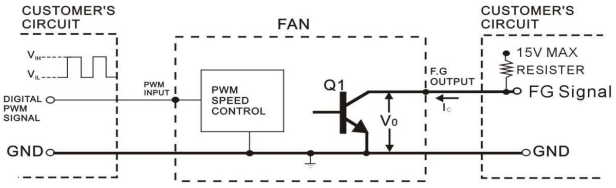
* Connection
UL1007, 24AWG, ~320mm
Red (+)
Black (-)
White Tachometer
Blue PWM

m1



Part Number	OD1238-12HBXJ10A
Nominal Voltage	12V DC
Voltage Range	7 ~ 13.2V DC
Rated Current	3.70 A
Rated Power	44.4 W
Rated Speed (RPM)	6000
Airflow (CFM)	250
Noise Level (dB)	69
Max. Static Pressure	1.48” H_2O

(External signal function design is decided by customer)



*TRANSISTOR Q1 AT "ON" POSITION
COLLECTOR CURRENT---------- I_C =10mA MAX
SATURATION VOLTAGE---------- V_{OL}=1 V MAX
*TRANSISTOR Q1 AT "OFF" POSITION
RELEASE VOLTAGE---------- V_{OH}=15 V MAX
*DIGITAL PWM SPEED CONTROL POSITION
PWM INPUT VOLTAGE HIGH---------- V_{IH}=3V~5.5 V
PWM INPUT VOLTAGE LOW---------- V_{IL}= 0V~0.5V

*PWM INPUT FREQUENCY---------- FPWM:18KHZ~30KHZ

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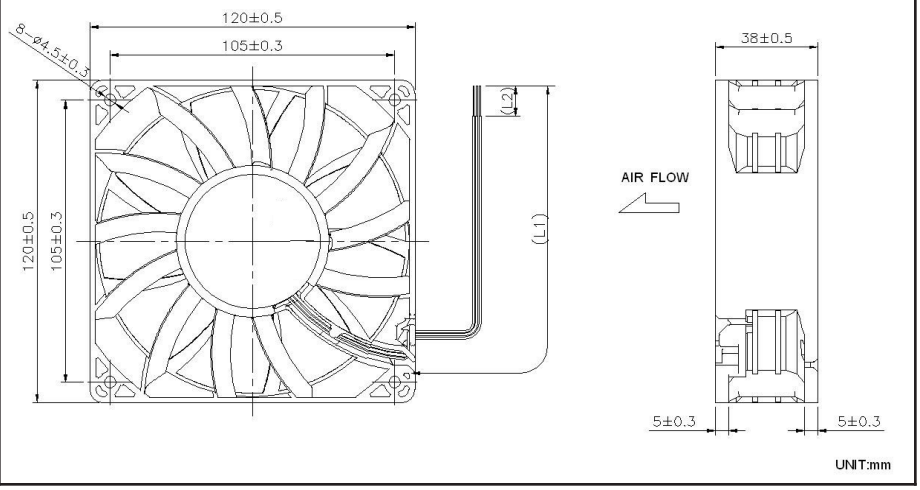
Orion Fans
Information and data is subject to change without prior notification.

OD1238 XJ Series

DC Fan 12V

120x38mm (4.7"x 1.5")



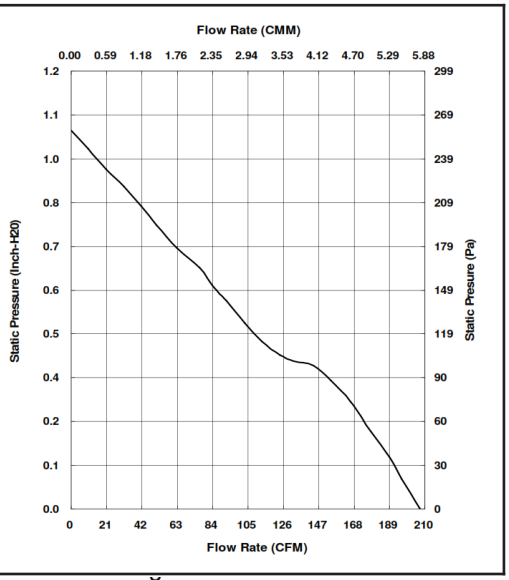
Frame & Impeller	PBT, UL94V-O plastic
Connecion	3x Lead wires *
Motor	Brushless DC, auto restart, polarity protected.
Bearing System	Dual ball bearing
Insulation Resistance	Min. 10M at 500VDC
Dielectric Strength	1 minute at 500 VAC, max leakage < 500 MicroAmp
Temperature Range	-10C ~ +70C
Storage Temperature	-40C ~ +80C
Life (L10)	70,000 hours (40C)

Tachometer - Open Collector

Weight: ~ 375 g

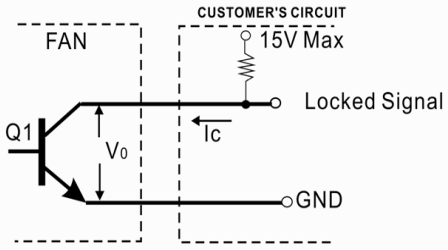
* Connection
UL1007, 24AWG, ~320mm
Red (+)
Black (-)
White Tachometer

m1



Part Number	OD1238-12MBXJ01A
Nominal Voltage	12V DC
Voltage Range	7 ~ 13.2V DC
Rated Current	2.30 A
Rated Power	27.6 W
Rated Speed (RPM)	5000
Airflow (CFM)	207
Noise Level (dB)	63
Max. Static Pressure	1.04" H_2O

*Output type.....Open collector type
*Electrical design suggestion:



*Transistor Q1 at "ON" position
Collector current.....I_C=10mA Max
Saturation Voltage.....V_{OL}=1.0V Max
(Between Collector and Emitter at I_C=10mA)
*Transistor Q1 at "OFF" position
Release Voltage.....V_{OH}=15V Max

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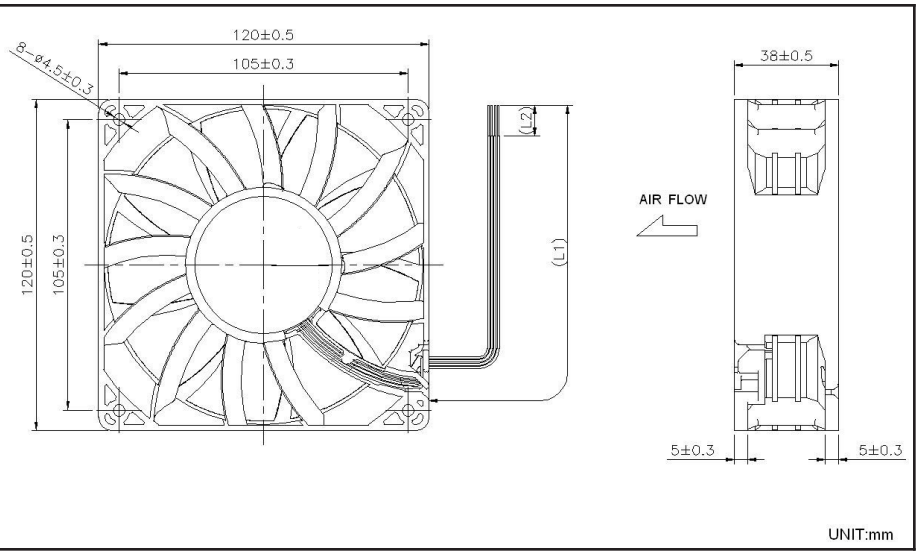
OD1238 XJ Series

DC Fan 12V

120x38mm (4.7"x 1.5")



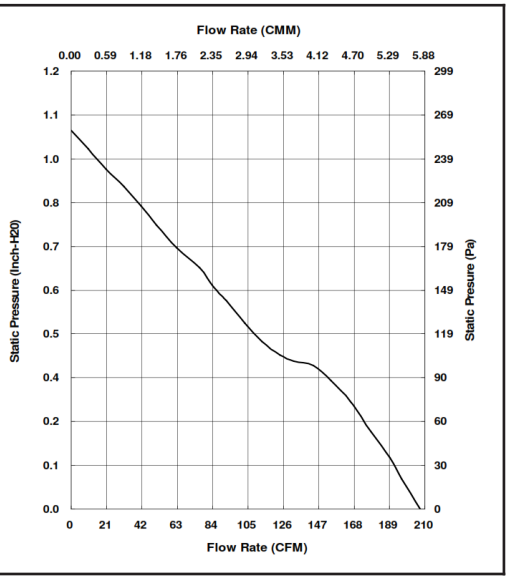
Frame & Impeller	PBT, UL94V-O plastic
Connecion	4x Lead wires *
Motor	Brushless DC, auto restart, polarity protected.
Bearing System	Dual ball bearing
Insulation Resistance	Min. 10M at 500VDC
Dielectric Strength	1 minute at 500 VAC, max leakage < 500 MicroAmp
Temperature Range	-10C ~ +70C
Storage Temperature	-40C ~ +80C
Life (L10)	70,000 hours (40C)

Tachometer - Open Collector PWM

Weight: ~ 375 g

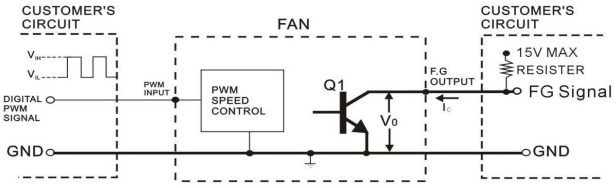
* Connection
UL1007, 24AWG, ~320mm
Red (+)
Black (-)
White Tachometer
Blue PWM

m1



Part Number	OD1238-12MBXJ10A
Nominal Voltage	12V DC
Voltage Range	7 ~ 13.2V DC
Rated Current	2.30 A
Rated Power	27.6 W
Rated Speed (RPM)	5000
Airflow (CFM)	207
Noise Level (dB)	63
Max. Static Pressure	1.04" H_2O

(External signal function design is decided by customer)



*TRANSISTOR Q1 AT "ON" POSITION
COLLECTOR CURRENT---------- I_C =10mA MAX
SATURATION VOLTAGE---------- V_{OL}=1 V MAX
*TRANSISTOR Q1 AT "OFF" POSITION
RELEASE VOLTAGE---------- V_{OH}=15 V MAX
*DIGITAL PWM SPEED CONTROL POSITION
PWM INPUT VOLTAGE HIGH---------- V_{IH}=3V~5.5 V
PWM INPUT VOLTAGE LOW---------- V_{IL}= 0V~0.5V

*PWM INPUT FREQUENCY----------FPWM:18KHZ~30KHZ

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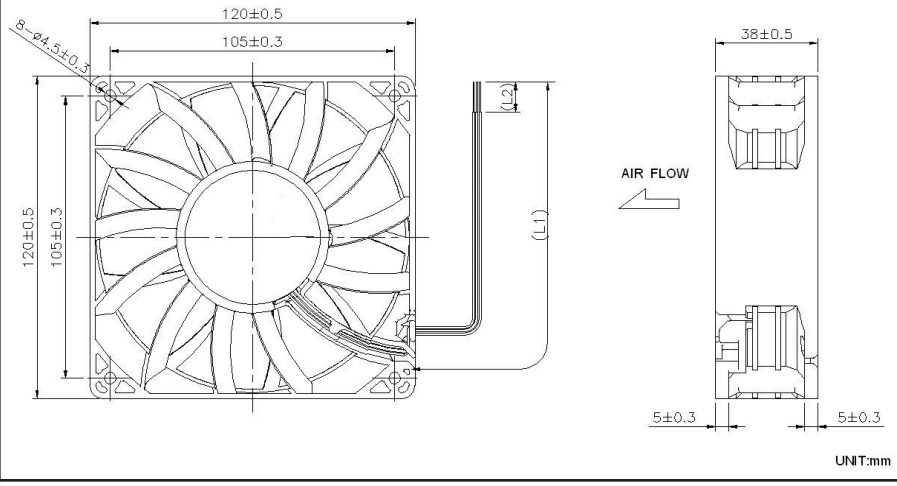
Orion Fans

OD1238-24HBXJ01A

DC Fan 24V

120x38mm (4.7″x 1.5″)



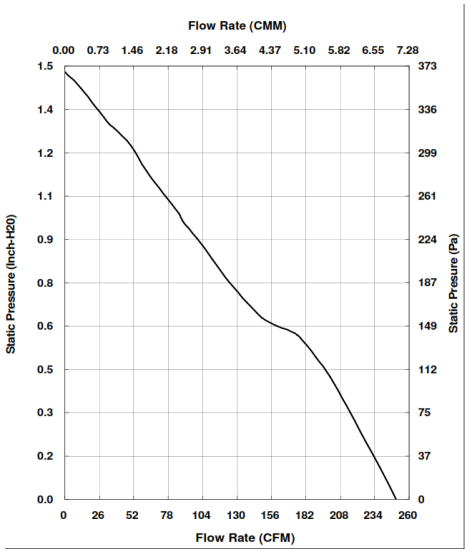
Frame & Impeller	PBT, UL94V-O plastic
Connecion	3x Lead wires *
Motor	Brushless DC, auto restart, polarity protected.
Bearing System	Dual ball bearing
Insulation Resistance	Min. 10M at 500VDC
Dielectric Strength	1 minute at 500 VAC, max leakage < 500 MicroAmp
Temperature Range	-10C ~ +70C
Storage Temperature	-40C ~ +80C
Life (L10)	70,000 hours (40C)

Tachometer - Open Collector

Weight: ~ 375 g

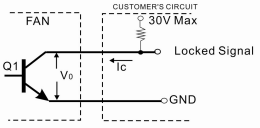
* Connection
UL1007, 24AWG, ~320mm
Red (+)
Black (-)
White Tachometer

m1



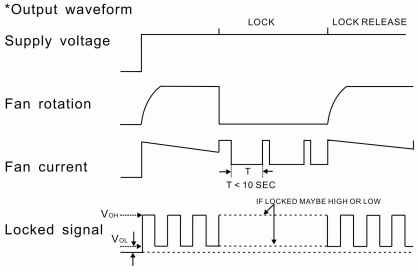
Part Number	OD1238-24HBXJ01A
Nominal Voltage	24V DC
Voltage Range	17 ~ 26.4V DC
Nominal Current	1.75 A
Nominal Power	42 W
Rated Speed (RPM)	6000
Airflow (CFM)	250
Noise Level (dB)	69
Max. Static Pressure	1.48” H2O

*Output type.....Open collector type
*Electrical design suggestion:
(External signal function design is decided by customer)



*Transistor Q1 at "ON" position
Collector current.....I_C=10mA Max
Saturation Voltage.....V_{OL}=1.0V Max
(Between Collector and Emitter at I_C=10mA)
*Transistor Q1 at "OFF" position
Release Voltage.....V_{OH}=30V Max

*Output waveform



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Orion Fans

Общество с ограниченной ответственностью «МосЧип» ИНН 7719860671 / КПП 771901001
Адрес: 105318, г.Москва, ул.Щербаковская д.3, офис 1107

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

http://moschip.ru/get-element

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

Офис по работе с юридическими лицами:

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