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With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

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OD4015 Series

DC Fan - 5V, 12V, 24V 40 x 15mm (1.58 x .59in)



Model #	Pg #	Voltage	RPM	CFM	Noise Level	Max Static Pressure
OD4015-05HB	2	5 VDC	8000	8.5	36 dB	.25 H ₂ O
OD4015-05HB02A	3	5 VDC	8000	8.5	36 dB	.25 H ₂ O
OD4015-05LB	4	5 VDC	6000	6.8	26 dB	.16 H ₂ O
OD4015-12HB	5	12 VDC	8000	8.5	36 dB	.25 H ₂ O
OD4015-12HB02A	6	12 VDC	8000	8.5	36 dB	.25 H ₂ O
OD4015-12LB	7	12 VDC	6000	6.8	26 dB	.16 H ₂ O
OD4015-12LB02A	8	12 VDC	6000	6.8	26 dB	.16 H ₂ O
OD4015-12MB	9	12 VDC	7000	8.1	32 dB	.23 H ₂ O
OD4015-24HB	10	24 VDC	8000	8.5	36 dB	.25 H ₂ O
OD4015-24LB	11	24 VDC	6000	6.8	29 dB	.16 H ₂ O
OD4015-24LB02A	12	24 VDC	6000	6.8	29 dB	.16 H ₂ O

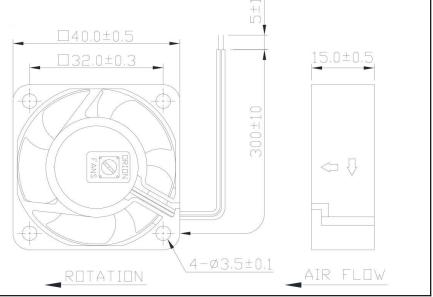
^{**} For some models and part numbers, minimum order quantities may apply.

OD4015-05HB



DC Fan, 5VDC 40x15mm (1.58x.59in)

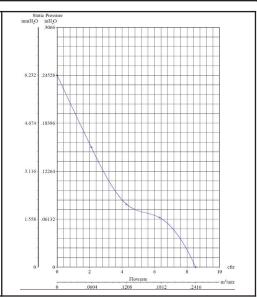




Frame & Impeller	PBT, UL94V-0 plastic
Connection	2x Lead wires *
Motor	Brushless DC, auto restart, polarity protected.
Bearing System	Dual ball bearing
Insulation Resistance	Min. 10M at 500VDC
Dielectric Strength	1 second at 500VAC max leakage 500 microamp
Temperature Range	-10C ~ +70C
Storage Temperature	-40C ~ +80C
Life (L10)	70,000 hours (40C)

Available Options
IP55
Other speeds and voltages
Tachometer
Alarm

*Connection: Wire Leads - UL1007 26AWG Red(+), Black (-),



Model Number	OD4015-05HB
Part Number	146541001
Nominal Voltage	5 VDC
Voltage Range	4 ~ 5.5 VDC
Nominal Current	.25 A
Rated Power	1.5 Watts
Rated Speed (RPM)	8000
Airflow (CFM)	8.5
Noise Level (dB)	36
Max. Static Pressure	.25 "H ₂ O

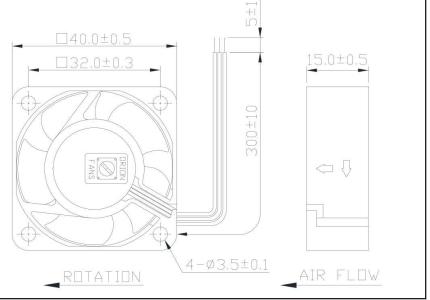


OD4015-05HB02A



DC Fan, 5VDC 40x15mm (1.58x.59in)





Frame & Impeller	PBT, UL94V-0 plastic
Connection	3x Lead wires *
Motor	Brushless DC, auto restart, polarity protected.
Bearing System	Dual ball bearing
Insulation Resistance	Min. 10M at 500VDC
Dielectric Strength	1 second at 500VAC max leakage 500 microamp
Temperature Range	-10C ~ +70C
Storage Temperature	-40C ~ +80C
Life (L10)	70,000 hours (40C)

Available Options
IP55
Other speeds and voltages
Tachometer

*Connection: Wire Leads - UL1007 26AWG Red(+), Black (-) Yellow Alarm,

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Model Number	OD4015-05HB02A	Output of locked signal *Output typeOpen collector type
Part Number	146541231	- "Electrical design suggestion: (External signal function design is decided by customer) customers oneour 75.5V Max
Nominal Voltage	5 VDC	FAN SOUTH OF THE PART OF THE P
Voltage Range	4 ~ 5.5 VDC	→ GND
Nominal Current	.25 A	*Transistor Q1 at "ON" position Collector current
Rated Power	1.5 Watts	*Transistor Q1 at "OFF" position Release VoltageV _{ON} =5.5V Max - *Output waveform
Rated Speed (RPM)	8000	Supply voltage Lock LockReLEASE
Airflow (CFM)	8.5	Fan rotation
Noise Level (dB)	36	Fan current
Max. Static Pressure	.25 "H ₂ O	Locked signal $\frac{V_{OR}}{1}$

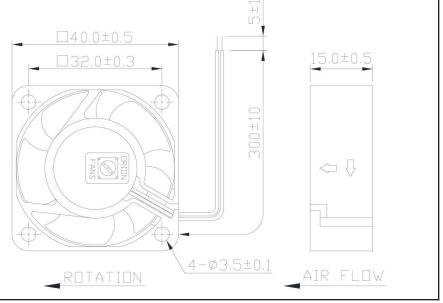


OD4015-05LB



DC Fan, 5 VDC 40x15mm (1.58x.59in)





Frame & Impeller	PBT, UL94V-0 plastic
Connection	2x Lead wires *
Motor	Brushless DC, auto restart, polarity protected.
Bearing System	Dual ball bearing
Insulation Resistance	Min. 10M at 500VDC
Dielectric Strength	1 second at 500VAC max leakage 500 microamp
Temperature Range	-10C ~ +70C
Storage Temperature	-40C ~ +80C
Life (L10)	70,000 hours (40C)
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Available Options
IP55
Other speeds and
voltages
Tachometer
Alarm

*Connection: Wire Leads - UL1007 26AWG Red(+), Black (-)

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Model Number	OD4015-05LB					
Part Number	145121001					
Nominal Voltage	5 VDC					
Voltage Range	4 ~ 5.5 VDC					
Nominal Current	.15 A					
Rated Power	1.5 Watts					
Rated Speed (RPM)	6000					
Airflow (CFM)	6.8					
Noise Level (dB)	26					
Max. Static Pressure	.16 "H ₂ O					



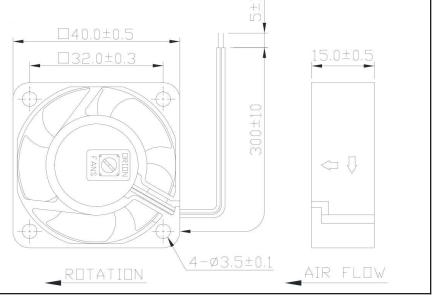


OD4015-12HB



DC Fan, 12VDC 40x15mm (1.58x.59in)

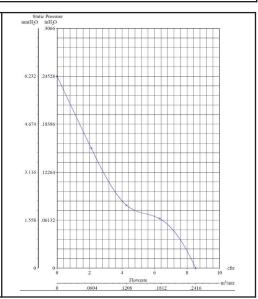




Frame & Impeller	PBT, UL94V-0 plastic
Connection	2x Lead wires *
Motor	Brushless DC, auto restart, polarity protected.
Bearing System	Dual ball bearing
Insulation Resistance	Min. 10M at 500VDC
Dielectric Strength	1 second at 500VAC max leakage 500 microamp
Temperature Range	-10C ~ +70C
Storage Temperature	-40C ~ +80C
Life (L10)	70,000 hours (40C)

Available Options
IP55
Other speeds and
voltages
Tachometer
Alarm

*Connection: Wire Leads - UL1007 26AWG Red(+), Black (-),



Model Number	OD4015-12HB
Part Number	146141001
Nominal Voltage	12 VDC
Voltage Range	9 ~ 13.2 VDC
Nominal Current	.11 A
Rated Power	1.8 Watts
Rated Speed (RPM)	8000
Airflow (CFM)	8.5
Noise Level (dB)	36
Max. Static Pressure	.25 "H ₂ O



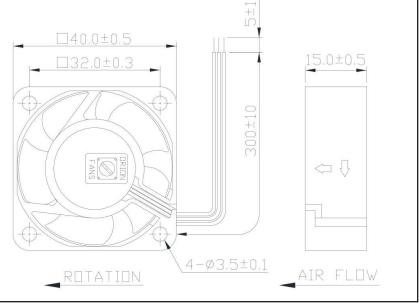


OD4015-12HB02A



DC Fan, 12VDC 40x15mm (1.58x.59in)

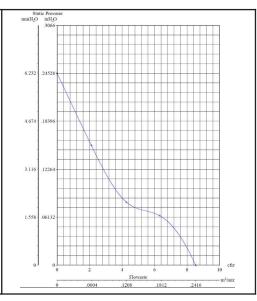




Frame & Impeller	PBT, UL94V-0 plastic
Connection	3x Lead wires *
Motor	Brushless DC, auto restart, polarity protected.
Bearing System	Dual ball bearing
Insulation Resistance	Min. 10M at 500VDC
Dielectric Strength	1 second at 500VAC max leakage 500 microamp
Temperature Range	-10C ~ +70C
Storage Temperature	-40C ~ +80C
Life (L10)	70,000 hours (40C)
Dielectric Strength Temperature Range Storage Temperature	1 second at 500VAC max leakage 500 microamp -10C ~ +70C -40C ~ +80C

Available Options
IP55
Other speeds and voltages
Tachometer

*Connection: Wire Leads - UL1007 26AWG Red(+), Black (-) Alarm Yellow



Model Number	OD4015-12HB02A
Part Number	146141231
Nominal Voltage	12 VDC
Voltage Range	9 ~ 13.2 VDC
Nominal Current	.11 A
Rated Power	1.8 Watts
Rated Speed (RPM)	8000
Airflow (CFM)	8.5
Noise Level (dB)	36
Max. Static Pressure	.25 "H ₂ O



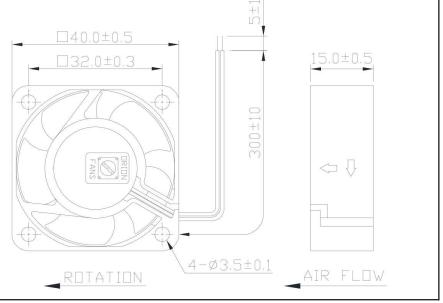


OD4015-12LB



DC Fan, 12VDC 40x15mm (1.58x.59in)

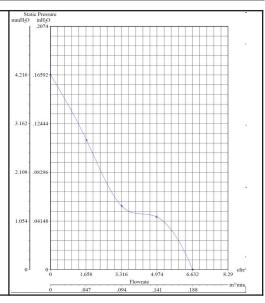




Frame & Impeller	PBT, UL94V-0 plastic
Connection	2x Lead wires *
Motor	Brushless DC, auto restart, polarity protected.
Bearing System	Dual ball bearing
Insulation Resistance	Min. 10M at 500VDC
Dielectric Strength	1 second at 500VAC max leakage 500 microamp
Temperature Range	-10C ~ +70C
Storage Temperature	-40C ~ +80C
Life (L10)	70,000 hours (40C)

Available Options
IP55
Other speeds and voltages
Tachometer
Alarm

*Connection: Wire Leads - UL1007 26AWG Red(+), Black (-)



Model Number	OD4015-12LB
Part Number	146121001
Nominal Voltage	12 VDC
Voltage Range	9 ~ 13.2 VDC
Nominal Current	.052 A
Rated Power	1.2 Watts
Rated Speed (RPM)	6000
Airflow (CFM)	6.8
Noise Level (dB)	26
Max. Static Pressure	.16 "H ₂ O

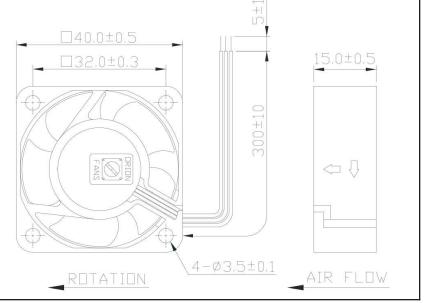


OD4015-12LB02A



DC Fan, 12VDC 40x15mm (1.58x.59in)





PBT, UL94V-0 plastic
3x Lead wires *
Brushless DC, auto restart, polarity protected.
Dual ball bearing
Min. 10M at 500VDC
1 second at 500VAC max leakage 500 microamp
-10C ~ +70C
-40C ~ +80C
70,000 hours (40C)

Available Options
IP55
Other speeds and voltages
Tachometer

*Connection: Wire Leads - UL1007 26AWG Red(+), Black (-) Yellow Alarm

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Model Number	Model Number OD4015-12LB02A	
Part Number	146121231	(External signal function design is decided by customer) CUSTOMERS CIRCLUT FAN 2007 Max
Nominal Voltage	12 VDC	Q1 V ₀ Ic Locked Signal
Voltage Range	9 ~ 13.2 VDC	*Transistor Q1 at "ON" position
Nominal Current	.05 A	Collector current
Rated Power	1.44 Watts	Release VoltageV _{oii} =30V Max *Output waveform
Rated Speed (RPM)	6000	Supply voltage Lock Lockrele
Airflow (CFM)	6.8	Fan rotation
Noise Level (dB)	26	Fan current
Max. Static Pressure	.16 "H ₂ O	Locked signal

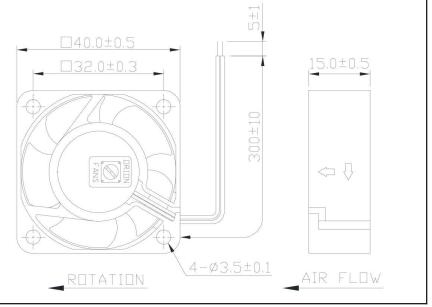


OD4015-12MB



DC Fan, 12VDC 40x15mm (1.58x.59in)

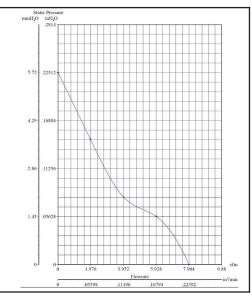




PBT, UL94V-0 plastic
2x Lead wires *
Brushless DC, auto restart, polarity protected.
Dual ball bearing
Min. 10M at 500VDC
1 second at 500VAC max leakage 500 microamp
-10C ~ +70C
-40C ~ +80C
70,000 hours (40C)

Available Options
IP55
Other speeds and
voltages
Tachometer
Alarm

*Connection: Wire Leads - UL1007 26AWG Red(+), Black (-)



Model Number	OD4015-12MB
Part Number	146131001
Nominal Voltage	12 VDC
Voltage Range	9 ~ 13.2 VDC
Nominal Current	.088 A
Rated Power	1.44 Watts
Rated Speed (RPM)	7000
Airflow (CFM)	8.1
Noise Level (dB)	32
Max. Static Pressure	.23 "H ₂ O

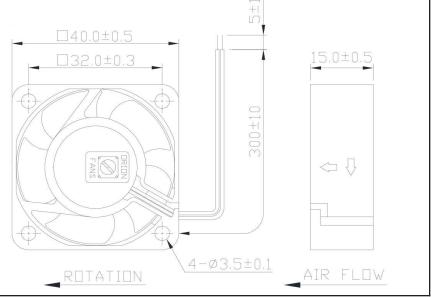


OD4015-24HB



DC Fan, 24VDC 40x15mm (1.58x.59in)

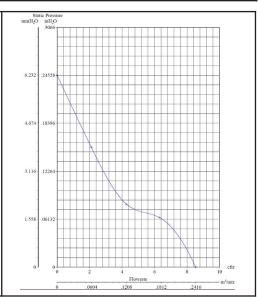




Frame & Impeller	PBT, UL94V-0 plastic
Connection	2x Lead wires *
Motor	Brushless DC, auto restart, polarity protected.
Bearing System	Dual ball bearing
Insulation Resistance	Min. 10M at 500VDC
Dielectric Strength	1 second at 500VAC max leakage 500 microamp
Temperature Range	-10C ~ +70C
Storage Temperature	-40C ~ +80C
Life (L10)	70,000 hours (40C)

Available Options
IP55
Other speeds and voltages
Tachometer
Alarm

*Connection: Wire Leads - UL1007 26AWG Red(+), Black (-),



Model Number	OD4015-24HB
Part Number	146241001
Nominal Voltage	24 VDC
Voltage Range	17~ 26.4 VDC
Nominal Current	.06 A
Rated Power	1.92 Watts
Rated Speed (RPM)	8000
Airflow (CFM)	8.5
Noise Level (dB)	36
Max. Static Pressure	.25 "H ₂ O



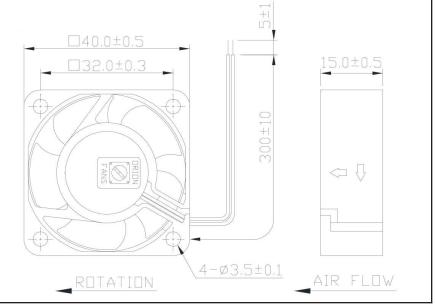


OD4015-24LB



DC Fan, 24VDC 40x15mm (1.58x.59in)





Frame & Impeller	PBT, UL94V-0 plastic
Connection	2x Lead wires *
Motor	Brushless DC, auto restart, polarity protected.
Bearing System	Dual ball bearing
Insulation Resistance	Min. 10M at 500VDC
Dielectric Strength	1 second at 500VAC max leakage 500 microamp
Temperature Range	-10C ~ +70C
Storage Temperature	-40C ~ +80C
Life (L10)	70,000 hours (40C)

Available Options
IP55
Other speeds and
voltages
Tachometer
Alarm

*Connection: Wire Leads - UL1007 26AWG Red(+), Black (-),

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Model Number	OD4015-24LB
Part Number	146221001
Nominal Voltage	24 VDC
Voltage Range	17~ 26.4 VDC
Nominal Current	.06 A
Rated Power	1.92 Watts
Rated Speed (RPM)	6000
Airflow (CFM)	6.8
Noise Level (dB)	29
Max. Static Pressure	.16 "H ₂ O

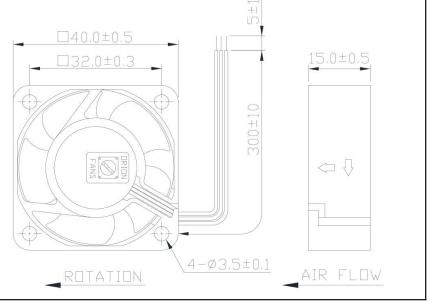


OD4015-24LB02A



DC Fan, 24VDC 40x15mm (1.58x.59in)

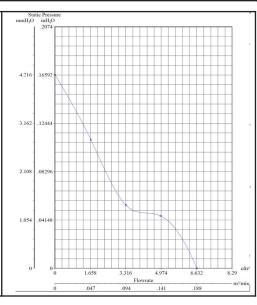




Frame & Impeller	PBT, UL94V-0 plastic	
Connection	3x Lead wires *	
Motor	Brushless DC, auto restart, polarity protected.	
Bearing System	Dual ball bearing	
Insulation Resistance	Min. 10M at 500VDC	
Dielectric Strength	1 second at 500VAC max leakage 500 microamp	
Temperature Range	-10C ~ +70C	
Storage Temperature	-40C ~ +80C	
Life (L10)	70,000 hours (40C)	

Available Options
IP55
Other speeds and
voltages
Tachometer
Alarm

*Connection: Wire Leads - UL1007 26AWG Red(+), Black (-), Yellow Alarm



Model Number	OD4015-24LB02A	Output of locked signal *Output typeOpen collector type *Electrical design suggestion:
Part Number	146221231	(External signal function design is decided by customer)
Nominal Voltage	24 VDC	Q1 V _a lo Locked Signal
Voltage Range	17~ 26.4 VDC	*Transistor Q1 at "ON" position
Nominal Current	.06 A	Collector current
Rated Power	1.92 Watts	*Transistor Q1 at "OFF" position Release VoltageV _{OH} =30V Max *Output waveform
Rated Speed (RPM)	6000	Supply voltage LOCK LOCK RELEASE
Airflow (CFM)	6.8	Fan rotation
Noise Level (dB)	29	Fan current
Max. Static Pressure	.16 "H ₂ O	Locked signal

