



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

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.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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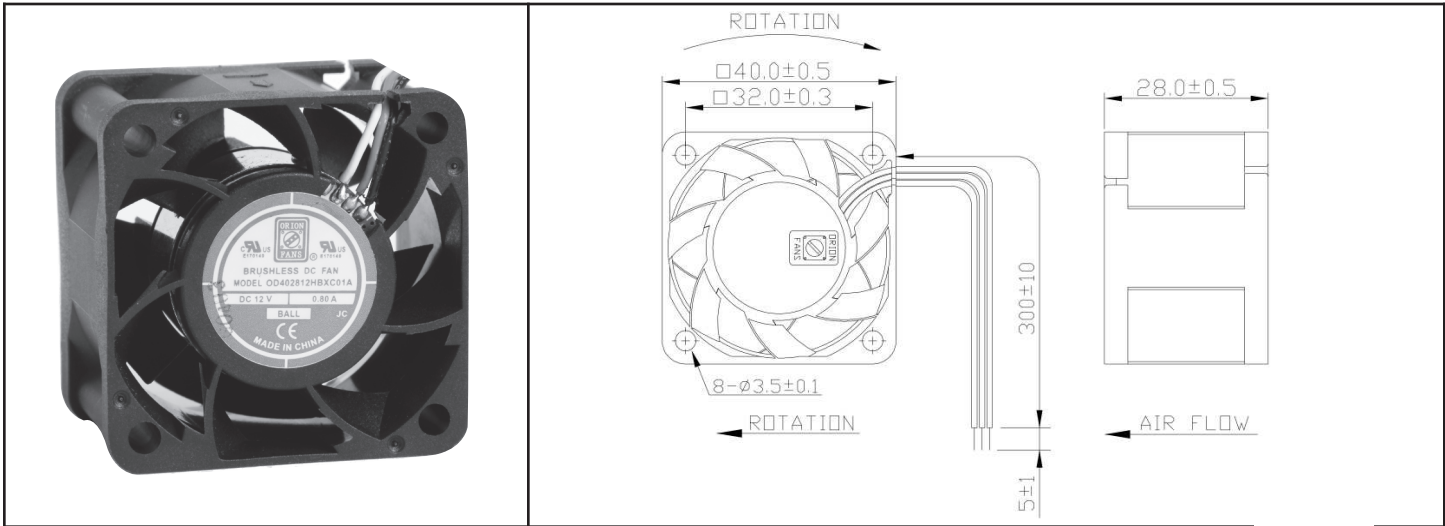
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



# OD4028 - XC Series



DC Fan - 12V, High Speed  
40x28mm (1.58" x 1.10")



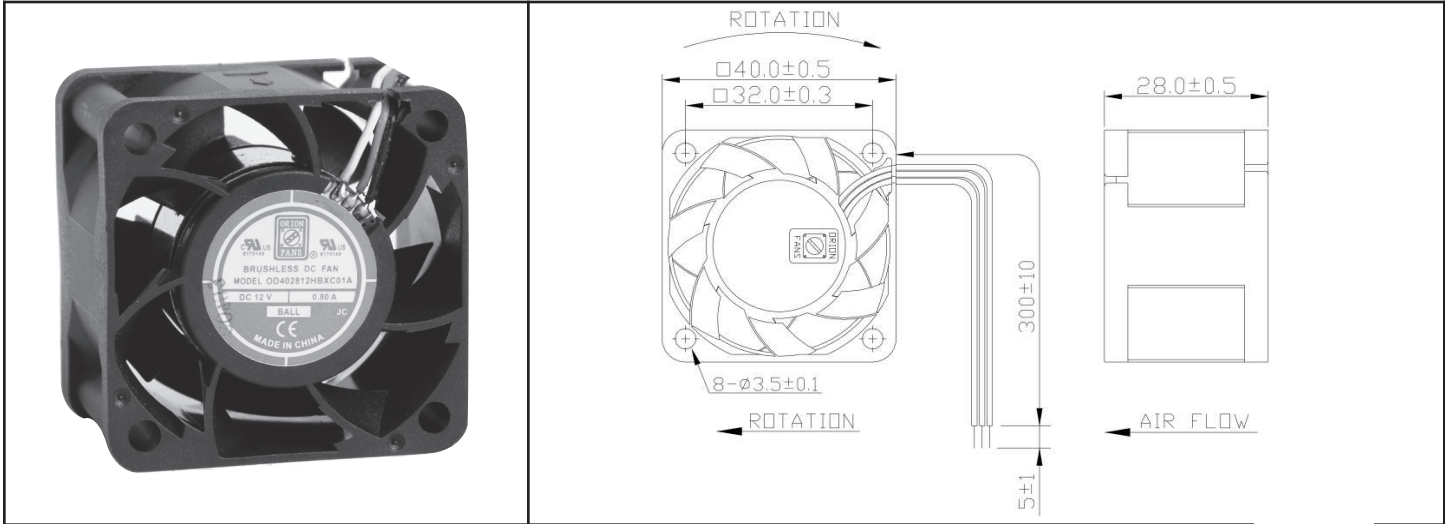
Frame & Impeller	PBT, UL94V-0 plastic	<b>Available Options:</b> Tachometer Alarm PWM Life Expectancy (L10) 50,000 hours (40C) Weight: ~ 0.09 lbs m1	<b>Fan Performance Curve</b> 
Connection	2x Lead wires		
Motor	Brushless DC, auto restart, polarity protected.		
Bearing System	Dual ball bearing		
Insulation Resistance	Min. 10M at 500VDC		
Dielectric Strength	1 minute at 500 VAC, max leakage < 500 MicroAmp		
Temperature Range	-10C ~ 70C		
Storage Temperature	-40C ~ +80C		

Part Number	OD4028-12HB-XC
Nominal Voltage	12 VDC
Voltage Range	7 ~ 13.2 VDC
Nominal Current	0.7 A
Start-up Voltage	7.0 VDC
Rated Power	10.2 W
Rated Speed (RPM)	20,000
Airflow (CFM)	22.5
Noise Level (dB)	61
Max. Static Pressure	2.60" H2O

# OD4028 - XC Series



DC Fan - 12V, High Speed  
40x28mm (1.58" x 1.10")



Frame & Impeller	PBT, UL94V-0 plastic	<b>Available Options:</b> Alarm PWM  Life Expectancy (L10) 70,000 hours (40C)  Weight: ~ 0.09 lbs  Red + Black - White Tachometer  m1	<b>Fan Performance Curve</b> 
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 minute at 500 VAC, max leakage < 500 MicroAmp		
Temperature Range	-10C ~ +70C		
Storage Temperature	-40C ~ +80C		

Part Number	OD4028-12HBXC01A	Output of locked signal *Output type.....Open collector type *Electrical design suggestion: (External signal function design is decided by customer)
Nominal Voltage	12 VDC	
Voltage Range	7 ~ 13.2 VDC	
Nominal Current	0.7 A	*Transistor Q1 at "ON" position Collector current..... $I_c=10\text{mA Max}$ Saturation Voltage..... $V_{ce}=1.0\text{V Max}$ (Between Collector and Emitter at $I_c=10\text{mA}$ ) *Transistor Q1 at "OFF" position Release Voltage..... $V_{ce}=15\text{V Max}$
Start-up Voltage	7.0 VDC	*Output waveform 
Rated Power	10.2 W	
Rated Speed (RPM)	20,000	
Airflow (CFM)	22.5	
Noise Level (dB)	61	
Max. Static Pressure	2.60" H <sub>2</sub> O	