

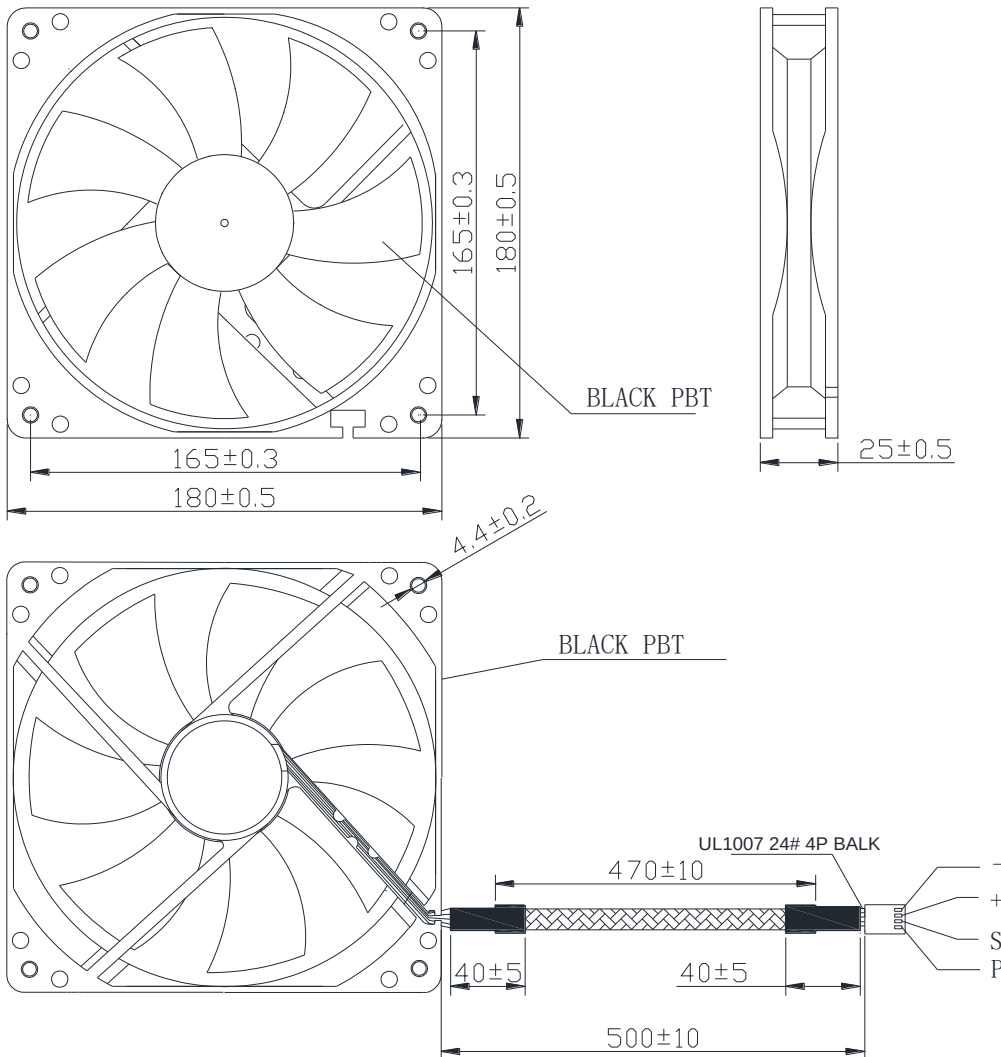
SPECIFICATION

Article	DC Fan	Model	Phobya G-Silent 18 PWM 900rpm slim black (180x180x25mm)		Page		Object	Engineering Data
Product Type:			☒ Environmental Protection ☐ Normal					
Samples Requirement):			☒ Engineering Samples					
			☐ Pre-production Sample)					
			☐ Production Sample					
Safety Approval			☐ UL E333094 ☒ CE CTE10040004 ☐ FCC LBT1005C-181F					
Motor Protection			☐ Polarity Protection)					
			☒ Auto Restart					
Connection Lead Type			☒ Connecto) ☐ Wire					
Bearing Type			☒ 1 Sleeve ☐ 1 Ball and 1 Sleeve ☐ 2 Balls					
Material Type			☒ PBT(94-V0) ☐ PBT(94-HB) ☐ PC					
Specification:								
Item			Specification/Conditions					
Measurement			180*180*25		mm			
Rated Voltage			12		DCV			
Operating Voltage			10.8-13.2		DCV			
Rated Current			0.13±0.03		Amp			
Max. Current			Max 0.21		Amp (label's current value)			
Input Power			1.32		Watts			
The lowest rated speed			500		RPM±10% (after running3~5minutes)			
Maximum rated speed			900		RPM±10% (after running3~5minutes)			
Noise Level			≤29		dB(A)			
Air Flow			80		CFM			
Life Expectancy			30000		Hours (at 25 ℃ 65%R.H.)			
Operating Temperature			-10~+70		℃(65%RH)			
Storage Temperature			-40~+70		℃(65%RH)			

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Article	DC Fan	Model	Phobya G-Silent 18 PWM 900rpm slim black (180x180x25mm)	Page		Object	Material List
No	MAJOR COMPONENTS		MATERIAL OR TYPE				
1	FAN HOUSING		PBT – V0				
2	FAN BLADE		PBT – V0				
3	INSULATOR FRAME		PBT – V0				
4	SHAFT		STAINLESS STEEL				
5	BEARING		SLEEVE BEARING				
6	PLASTIC MAGNET		STRONTIUM FERRITE				
7	ENAMELED WIRE		1 UEW				
8	SILICON STEEL STRIP		H 23				
9	P.C.B		ONE SIDE PRINT PCB				
10	HALL IC		11961+104				
11	LEAD WIRES		L-500mm				
12	TERMINAL		2510-4				

SPECIFICATION

Article	DcFan	Model		Article Part No.		Page		Object	Drawing
 The drawing includes three views of the fan: Front View: Shows a square fan with a central hub and 10 blades. Dimensions: outer square is 180 ± 0.5 mm, inner square is 165 ± 0.3 mm, and the height of the fan frame is 180 ± 0.5 mm. Side View: Shows the profile of the fan, indicating a thickness of 25 ± 0.5 mm. Detail View: Shows the connection between the fan frame and the cable. The cable is labeled "UL1007 24# 4P BALK". The distance from the fan frame to the cable is 470 ± 10 mm. The cable has a diameter of 4.4 ± 0.2 mm. The fan frame is labeled "BLACK PBT". The cable is labeled "40 $\pm$ 5". The total length of the cable is 500 ± 10 mm. The cable has four wires: -, +, S, and P.									
HOUSING/ BLADE				18025					
UNTTS				MM					
DRAWN				ping.liao					
DRAW DANTE				2018.08.30					

SPECIFICATION

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