



Material:AL6063-T5  
Finish: Black anodized

④	Option	L	Thermal resistance(K/W)
	V7700W	25	13.9
	V7700X	37.5	11.2

RoHS compliant  
Unit: mm

Scale	Free					Date	Name		
③	TOLERANCE	⑤	Update the Pin tolerance	12.05.2020	Segal	Drawn	11.08.2009	Dean	
	0-6	±0.10	④	Update the thermal resistance and add the thermal graph on page 2	18.01.2020	Segal	Approved	12.05.2020	Segal
	6-30	±0.20	③	Add the tolerance	03.04.2019	Segal			
	30-120	±0.30	②	Modify drawing layout	10.03.2010	Alex			
	120-400	±0.50	①	Drawn	11.08.2009	Dean			
	DIM	TOL							
	Angle	±0.5°	Id.	Modification	Date	Name			

Customer-No.	
ASSMANN WSW-No. V7700x	
Drawing-No.	rev05
Replace	Sheet 1/2

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A

A

B

B

C

C

D

D

E

E

F

F

G

G

H

H

④ V7700X

The graph shows the relationship between heat dissipation, air velocity, and temperature rise. The top x-axis is Air Velocity (Feet Per Minute) from 0 to 500. The bottom x-axis is Heat Dissipated (Watts) from 0 to 5. The left y-axis is Temp Rise Above Ambient (C) from 0 to 60. The right y-axis is Thermal Resistance From Heat Source Surface to Ambient (C/Watt) from 6.5 to 0.5. Two curves are shown: one for temperature rise (increasing with heat) and one for thermal resistance (decreasing with air velocity).

Thermal Power (W)	Temp Rise (°C)
0	0
1	14.8
2	26.1
3	36.1
4	45.2
5	54.0

Note: Natural convection cooling

Air Velocity (Feet/Minute)	Thermal Resistance (°C/W)
100	6.4
200	4.2
300	3.3
400	2.9
500	2.5

RoHS compliant

Unit: mm

Scale	Free						Date	Name	Customer-No.
TOLERANCE		⑤	Update the Pin tolerance	12.05.2020	Segal	Drawn	11.08.2009	Dean	ASSMANN WSW-No. <b>V7700x</b>
0-6	±0.10	④	Update the thermal resistance and add the thermal graph on page 2	18.01.2020	Segal	Approved	12.05.2020	Segal	
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120-400	±0.50	①	Drawn	11.08.2009	Dean				
DIM	TOL								Drawing-No. <b>ASS 0872 HS</b>
Angle	±0.5°	Id.	Modification	Date	Name				rev05 Sheet 2/2

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