

256mm Dia. Woofer

Polypropylene Cone



Specifications

Dimensions	: 256mm (10")
Impedance	: 8Ω
Input	: Rated 3W, Max. 150W
Free Air Resonance	: 35 ±7Hz
Sensitivity	: 88 ±2dB/W/M, 2.83V
Frequency Range	: FO ~ 4000Hz
Sine Wave Test	: 10V
Weight	: 2580 grams
Life Test	: 75W, 8H, EIA white noise
Basket	: Stamped steel
Dust Cap	: Treated cloth

Voice Coil

Diameter	: 35.5mm
Length	: 16.6mm
Layer	: 2mm
Former Material	: Aluminium
Wire Material	: Copper

Cone Paper

Cone Material	: PP Carbon
Surround Material	: Rubber

Magnet

Diameter	: 120mm
Height	: 17mm
Material	: Ferrite
Quantity	: 1 Pc
Weight	: 721g
Gap (H)	: 8mm

Parameters

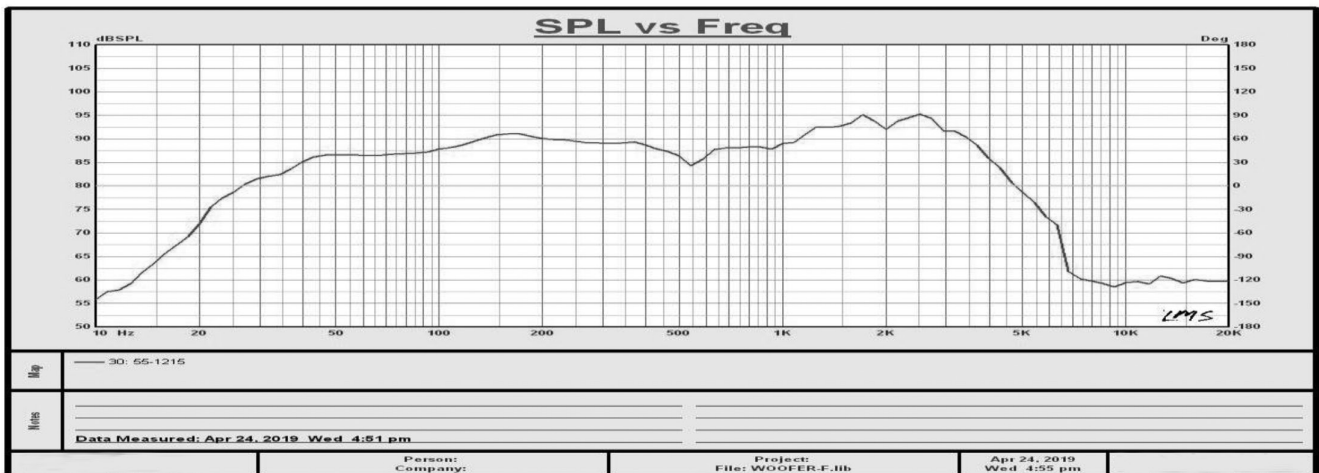
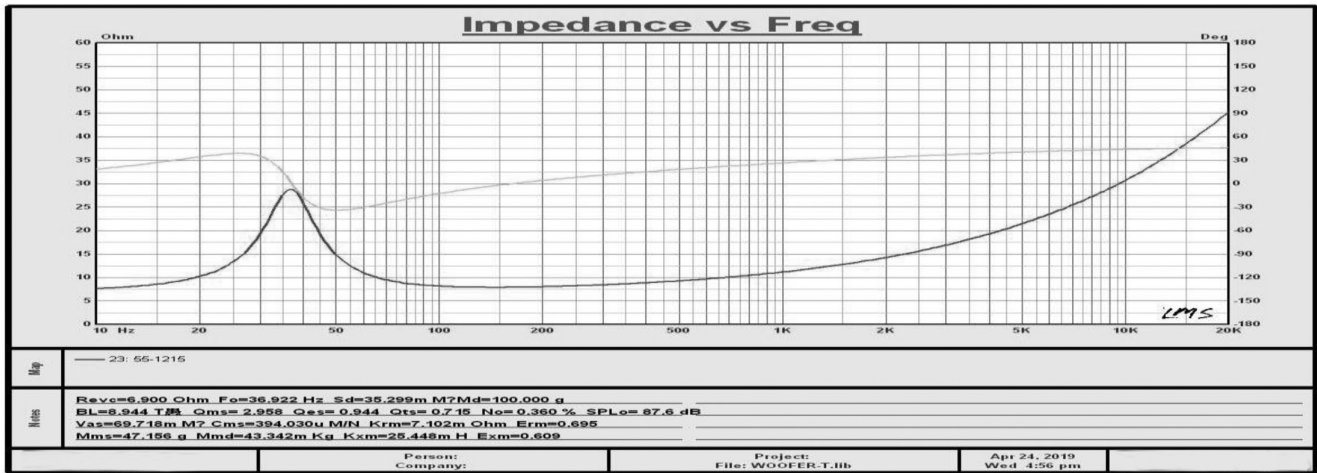
DC resistance	Re:	6.9Ω
Resonance frequency	Fs:	36.9Hz
Maximum impedance	Zm:	28.8Ω
Mechanical Q factor	Qms:	2.958
Electrical Q factor	Qes:	0.944
Total Q factor	Qts:	0.715
Linear Displacement	Xmax:	4.3mm
Moving mass	Mms:	47.16g
Equivalent volume	Vas:	69.72 (l)
Sensitivity	SPL:	87.6dB
Suspension compliance	Cms:	0.394 mm/N
BL product	Bl:	8.944 (N/A)
Driver piston diameter	D:	212mm
Voice Coil Inductance	Le(1K):	1.3mH



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Graph



Part Number Table

Description	Part Number
256mm Dia. Woofer, Polypropylene Cone, 87.6dB	55-1215

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