

Model No: PMT-2040N1625AL01-04  
Product Line: Tymphany

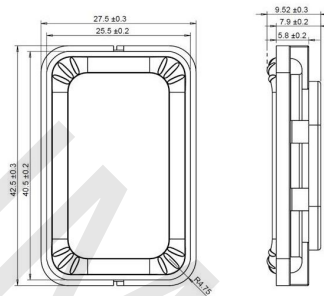
Rev: 1  
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### Product Description

This 20 mm x 40 mm 4 ohm compact Premium Micro Transducer is designed for computer, television array, and similar applications. It features a neodymium-iron-boron magnet, a light composite Al cone, and a high-temperature polycarbonate frame.



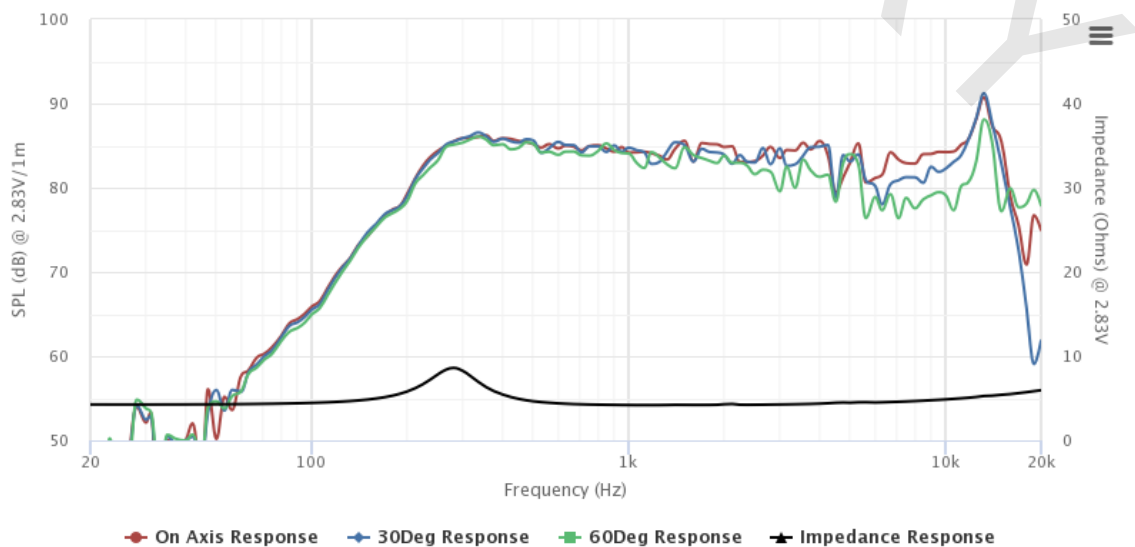
### Mechanical Drawing



### Specifications

DC Resistance	Revc	Ohms	3.97	5.0%	Energy Bandwidth Product	EBP	(1/Qes)*fs
Minimum Impedance	Zmin	Ohms	4.19	7.5%	Moving Mass	Mms	g
Voice Coil Inductance	Le	mH	0.03		Suspension Compliance	Cms	um/N
Resonant Frequency	Fs	Hz	339.07	15%	Effective Cone diameter	D	cm
Mechanical Q Factor	Qms		2.73		Effective Piston Area	Sd	cm <sup>2</sup>
Electrical Q Factor	Qes	2.44			Effective Volume	Vas	L
Total Q Factor	Qts		1.29		Motor Force Factor	BL	Tm
Ratio Fs/Qts	F	Fs/Qts	262.85		Motor Efficiency Factor	β	(T*M <sup>2</sup> )/Ohms
Half Space Sensitivity @2.83V	db@2.83V/1M	dB	83.94	+/- 1.0db	Voice coil former Material	VCfm	ASV
Half Space Sensitivity @1W/1M	db@1W/1M	dB	81.1	+/- 1.0db	Voice coil inner diameter	VCd	mm
Gap Height	Gh	mm	1.2		Rated Noise Power	P	W
Maximum Linear Excursion	Xmax	mm	0.4		Test Spectrum Bandwidth		200 Hz - 20k Hz
Ferrofluid Type	FF		APG834		Driver Size	Inch	20 x 40 mm
Driver Mass	Kg	0.02					

### Frequency and Impedance Response



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