

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

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

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







# **Driver Specification Sheet**



Model No: GBS-250F38CP01-04 Rev: 3

Product Line: Tymphany Last Update: 2017-04-26 21:37:26

#### **Product Description**

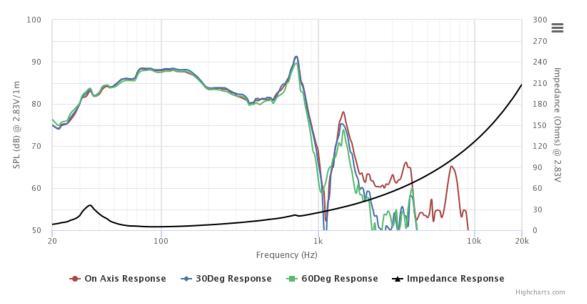
This 10 inch 4 ohm tansducer member of the GBS family provides a very slim woofer capable of large excursion. A highly optimized ferrite magnet and unique suspension layout combine to give a cost effective solution in a previously unavailable package.



## **Specifications**

DC Resistance	Revc	Ohms	3.45	5.0%	Energy Bandwidth Product	EBP	(1/Qes)*fs	
Minimum Impedance	Zmin	Ohms	4.85	7.5%	Moving Mass	Mms	g	103.4
Voice Coil Inductance	Le	mΗ	2.36		Suspension Compliance	Cms	um/N	172.5
Resonant Frequency	Fs	Hz	37.69	15%	Effective Cone diameter	D	cm	20
Mechanical Q Factor	Qms		5.62		Effective Piston Area	Sd	cm^2	314.2
Electrical Q Factor	Qes	0.49			Effective Volume	Vas	L	23.92
Total Q Factor	Qts		0.45		Motor Force Factor	BL	Tm	13.11
Ratio Fs/Qts	F	Fs/Qts	83.37		Motor Efficiency Factor	ß	(T*M^2)/Ohms	49.7
Half Space Sensitivity @2.83V	db@2.83V/1M	dB	87.99	+/- 1.0db	Voice coil former Material	VCfm		KSV
Half Space Sensitivity @1W/1M	db@1W/1M	dB	85.8	+/- 1.0db	Voice coil inner diameter	VCd	mm	38.75
Gap Height	Gh	mm	8		Rated Noise Power	Р	W	200
Maximum Linear Excursion	Xmax	mm	6		Test Spectrum Bandwidth	50Hz-2000Hz		
Ferrofluid Type	FF				Driver Size	Inch	10 in	
Driver Mass	Kg	3.24						

### Frequency and Impedance Response



Tymphany HK LTD Address : Room 1307-8 Dominion Centre, 43-59 Queens Rd East, Wanchai, Hong Kong E-mail: sales@tymphany.com