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TM020J11

102310G

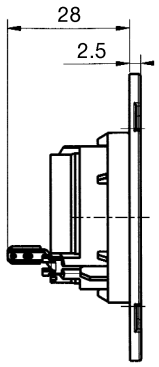
June .99

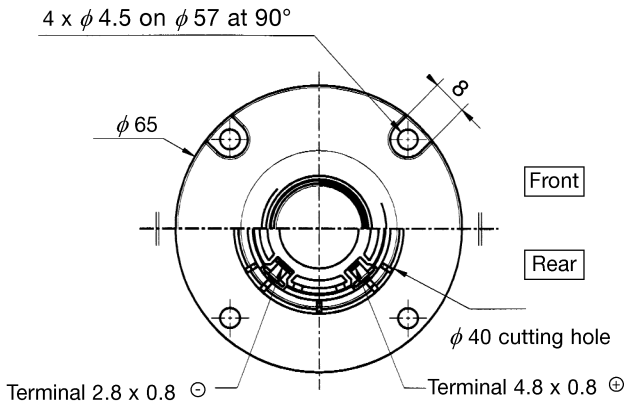
TWEETER

TM020J11 D08SSZ0065
102123G

Hi Fi . Round . Soft polymer 8 Ω

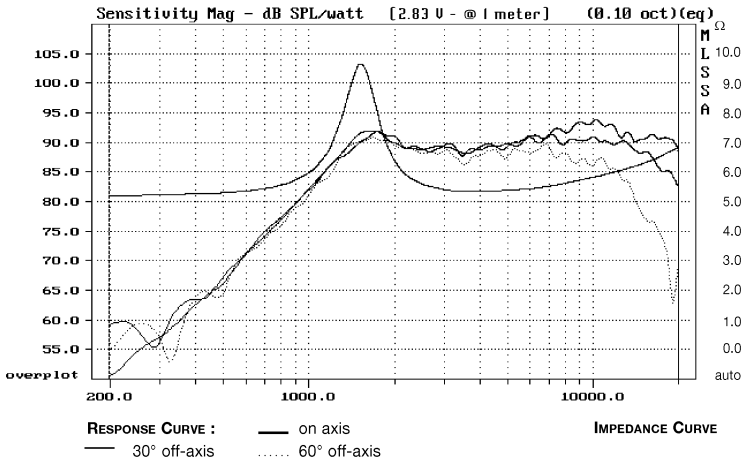
- *Optimized advanced polymer dome profile*
- *Compact design for small high-end systems*
- *Smooth response face plate profile*
- *Ultra light copper clad aluminium wire voice coil*
- *High energy neodymium magnet (20 times ceramic magnet)*
- *Ferrofluid cooled voice coil (new generation : 250 cps)*
- *Inherently shielded magnet system for audio / video application*



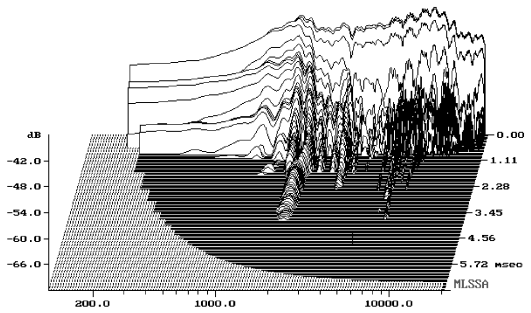


All dimensions in mm

Response Curve



Waterfall



Cumulative Spectral Decay Log Frequency - Hz

SPECIFICATIONS

Technical characteristics	Symbol	Value	Units
PRIMARY APPLICATION			
Nominal Impedance	Z	8	Ω
Resonance Frequency	Fs	1523,5	Hz
Nominal Power Handling	P	40	W
Sensitivity (2,83 V - 1m)	E	90	dB
VOICE COIL			
Voice Coil Diameter	ϕ	20	mm
Minimum Impedance	Zmin	5,4	Ω
DC Resistance	Dcr	5,2	Ω
Voice Coil Inductance	Lbm	0,02	mH
Voice Coil Length	h	1,7	mm
Former	-	Aluminium	-
Number of Layers	n	2	-
Wire type	-	round	-
Wire material	-	Aluminium	-

MAGNET			
Magnet Dimensions	ϕ x h	20 x 0,4	mm
Magnet Weight	m	8,9	g
Flux Density	B	1	T
Force Factor	BL	-	NA^{-1}
Height of Magnetic Gap	He	2	mm
Stray Flux	Fmag	-	Am^{-1}
Linear Excursion	Xmax	± 0,15	mm
PARAMETERS			
Suspension Compliance	Cms	-	µm/N
Mechanical Q Factor	Qms	3,02	-
Electrical Q Factor	Qes	3,42	-
Total Q Factor	Qts	1,61	-
Mechanical Resistance	Rms	-	kg s^{-1}
Moving Mass	Mms	-	g
Effective Piston Area	S	3,14	cm^2
Volume Equivalent of Air at Cas	Vas	-	liters
Mass of Speaker	M	50	g

Suggested Application

Crossover Frequency	Slope	Inductance	Capacitor	Power Handling
Hz	dB / Oct.	mH	mF	W
4340	6	-	6,8	40
2860	12	0,5	6,2	40