

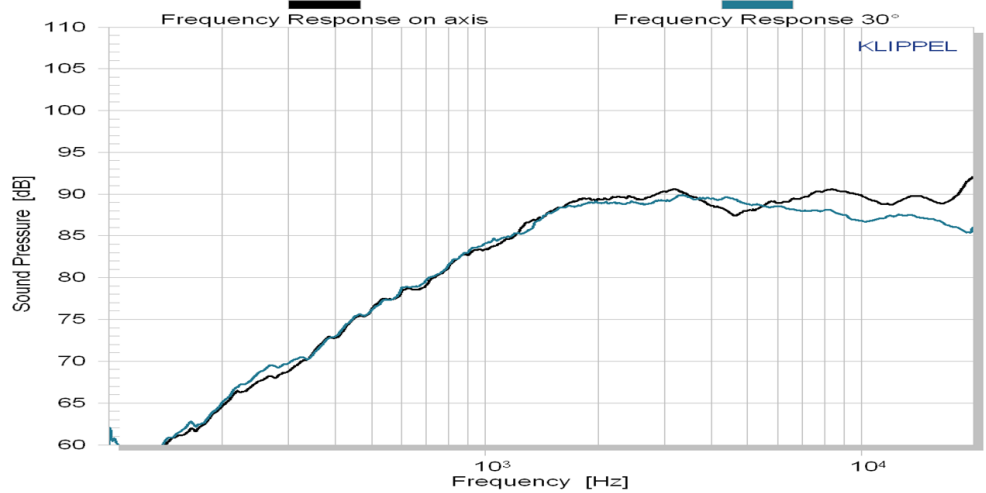
# C25-6-012

Tweeter

DOMEMATERIAL: CERAMIC  
APPLICATION: TWEETER  
NOMINAL DIAMETER: 25 mm  
SENSITIVITY: 90 dB

## MAIN FEATURES :

- SPECIAL DOME CUTOUTS
- OVERHUNG MOTOR DESIGN
- SOFT FABRIC SURROUND
- VENTED VC & POLE PIECE
- 2500 HZ - 32 KHZ



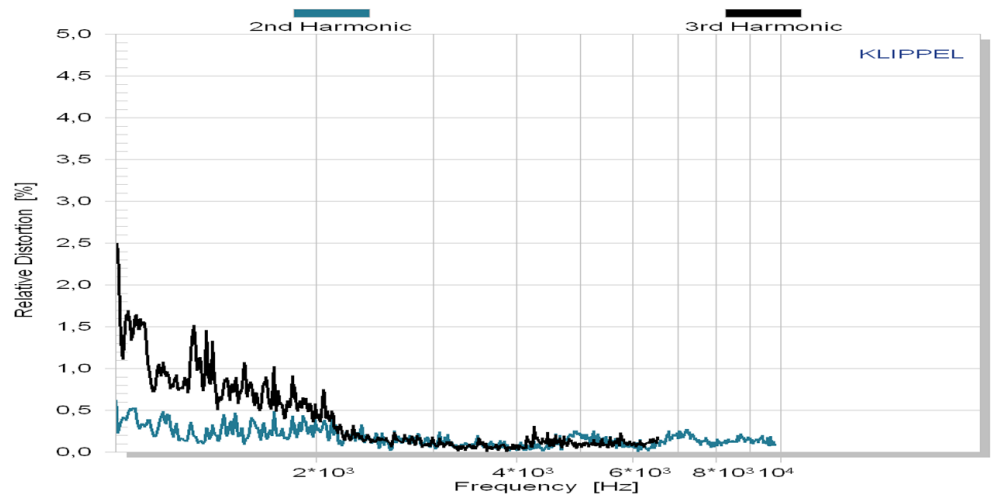
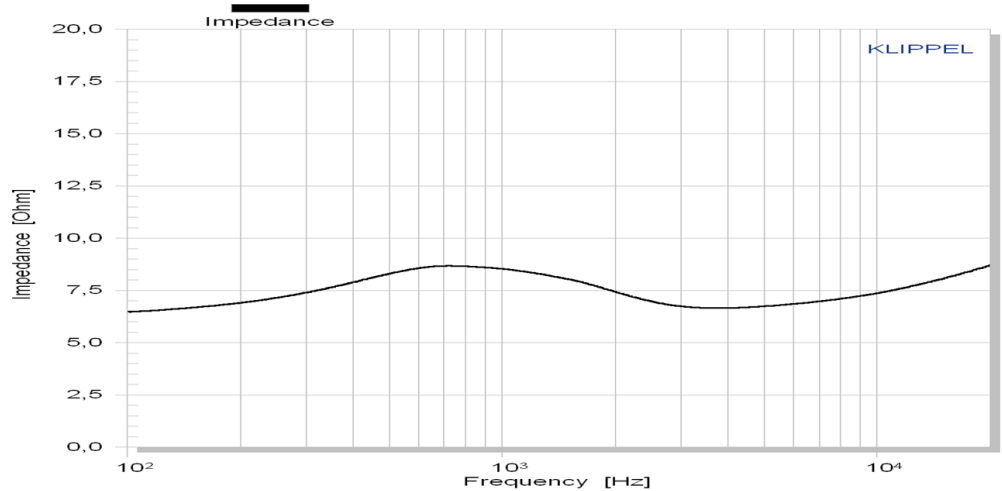
The **C25 - 6 - 012** is a 1 inch tweeter with ultra hard **ceramic dome** in a 82 mm frontplate.

Anti-resonant **cutout fills** in the ceramic dome provide for damping of the dome resonance.

An overhung motor design with vented aluminium voice coil former guarantees low energy storage and excellent heat transfer.

The **soft fabric surround** and ferrofluid with high viscosity center the moving parts with distinctive linearity.

We recommend an application above 2500 Hz.



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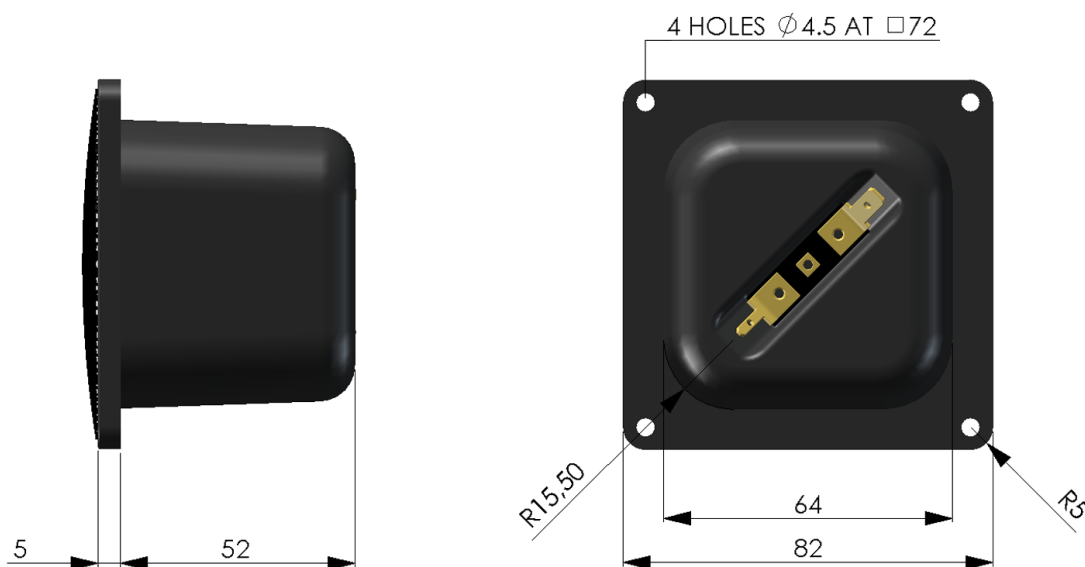
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Mechanical data		
Overall square	82	mm
Cutout hole square	64	mm
Frontplate depth	5	mm
Overall depth	57	mm
Motor assembly diameter	-	
Motor assembly depth	-	
Screw fitting	DIN 7984, 4mm	
Terminal	+ : 4.8 x 0.8 / - : 2.8 x 0.8	mm
Shipping weight / net weight (one piece)	0.68 / 0.58	mm
Shipping box size (pair)	130 / 130 / 190	mm

Thiele/Small Parameters			
Sensitivity (2.83V / 1m)	Lp	90*	dB
DC-resistance	Re	6.2	Ohm
resonance frequency	Fs	740	Hz
equivalent volume of air	Vas	-	L
mechanical Q	Qms	0.55	
electrical Q	Qes	1.19	
total Q	Qts	0.38	
effective piston area	Sd	5.94	cm <sup>2</sup>
moving mass	Mms	0.23	g
suspension compl.	Cms	0.141	mm/N
mechanical resistance	Rms	1.91	kg x s

Voice Coil data			
Power handling	P	120*	Watt
Linear excursion	Xmax	+/- 0.6	mm
Voice coil diameter		16.4	mm
Voice coil former material		Al	
Voice coil wire material		Cu	
Voice coil inductance	Le	0.02	mH
Force factor	Bl	2.35	N/A
Motor type		Overhung	
Ferrofluid filling		yes	

\* Please refer to [www.accuton.com](http://www.accuton.com) for exact measurement conditions and further information.