

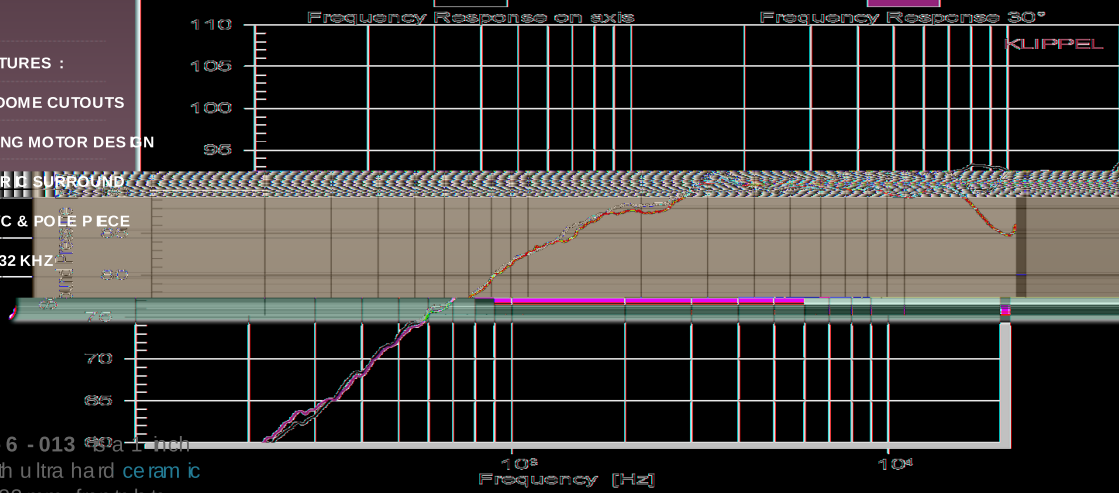
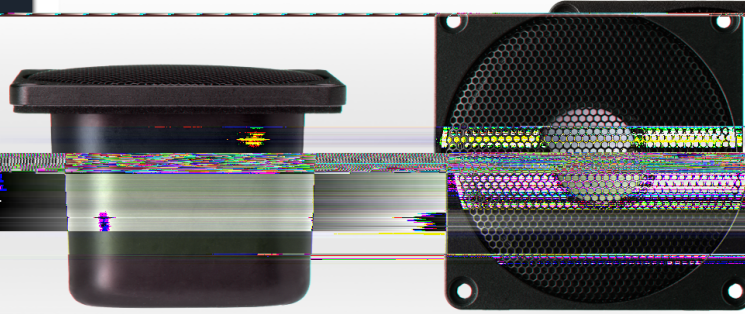
C25-6-013

Tweeter

DOMEMATERIAL: CERAMIC
APPLICATION: TWEETER
NOMINAL DIAMETER: 25 mm
SENSITIVITY: 92 dB

MAIN FEATURES :

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



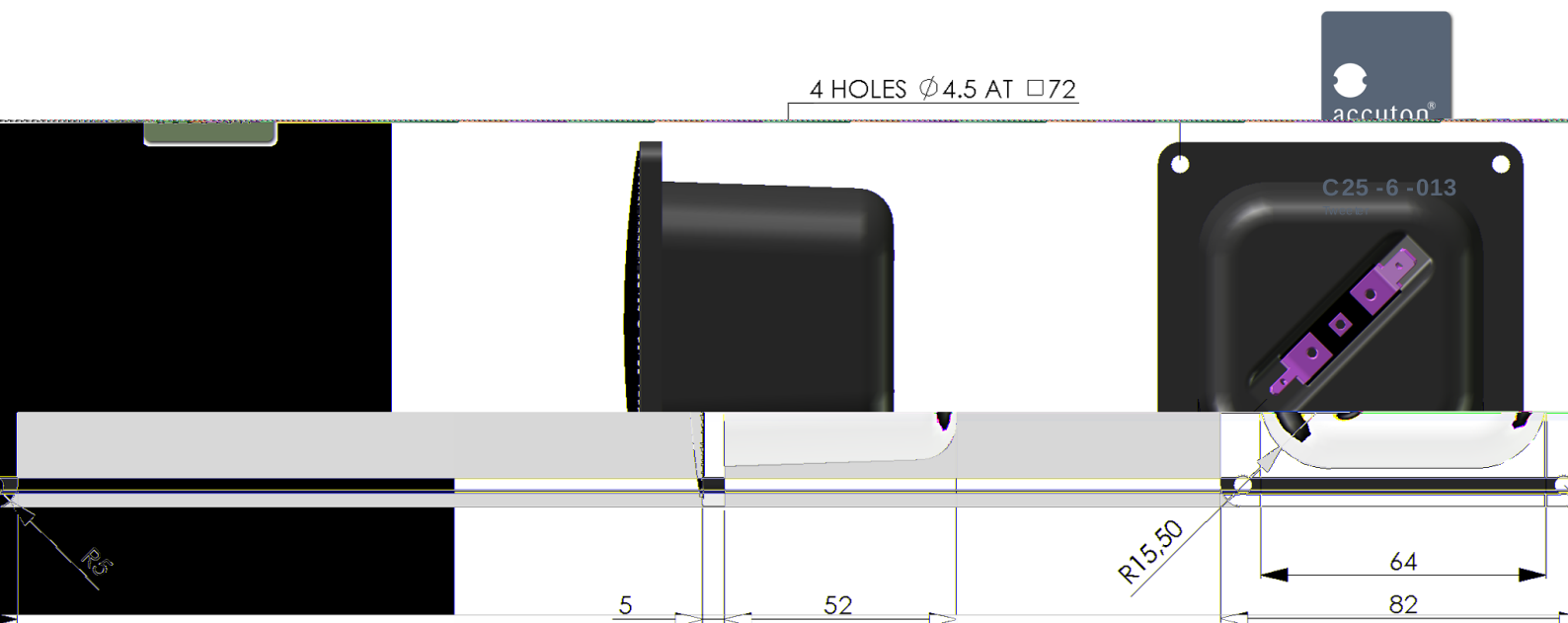
The C25 - 6 - 013 is a 1 inch tweeter with ultra hard ceramic dome in a 82 mm front plate.

Anti-resonant cutouts in the ceramic dome provide for damping of the dome resonance.

An underhung motor design with vented aluminum voice coil former and neodymium magnet 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.



Mechanical data

Overall square	82	mm
Cutout hole square	64	mm
Front plate 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	
Shipping weight / net weight (one piece)	0.48 / 0.38	mm
Shipping box size (pair)	130 / 130 / 190	mm

Thiele Small Parameters

Sensitivity (2.83V / 1m)	Lp	92*	dB
DC-resistance	Re	6.1	Ohm
resonance frequency	Fs	1450	Hz
equivalent volume of air	Vas	-	L
mechanical Q	Qms	0.80	
electrical Q	Qes	1.63	
total Q	Qts	0.54	
effective piston area	Sd	5.94	cm ²
moving mass	Mms	0.18	g
suspension compliance	Cms	0.066	mm/N
mechanical resistance	Rms	2.03	kg x/s

Voice Coil data

Power handling	P	120*	Watt
Linear excursion	Xmax	+/- 0.15	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	2.47	N/A
Motor type		Underhung	
Ferrofluid filling		yes	

*Please refer to www.accuton.com for exact measurement conditions and further information.

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