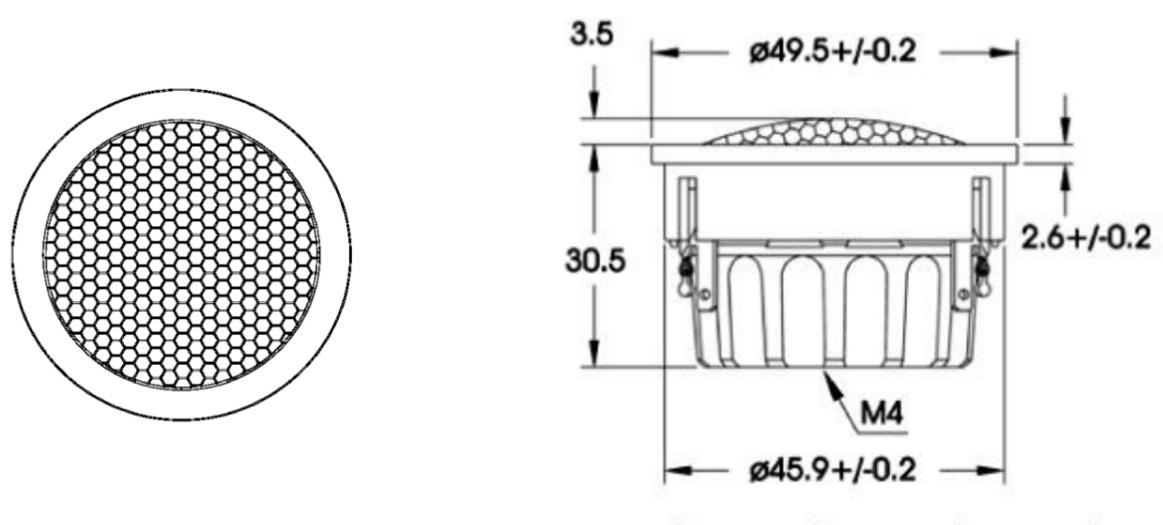




# CT25001

## L0001

### TWEETER



25 mm High-End automotive tweeter.

The CT25AF001 is a 25 mm High End Car Audio tweeter with a Neodymium magnet system. It is the choice for those who seek the most precise and realistic reproduction of the upper frequency range in their cars.

**Features:**

An optimised dual cavity magnet system for low resonance frequency and extended frequency range with a metal rear chamber for maximum cooling.

Stiff and light metal dome diaphragm for low distortion and distinct sound with excellent dynamics.

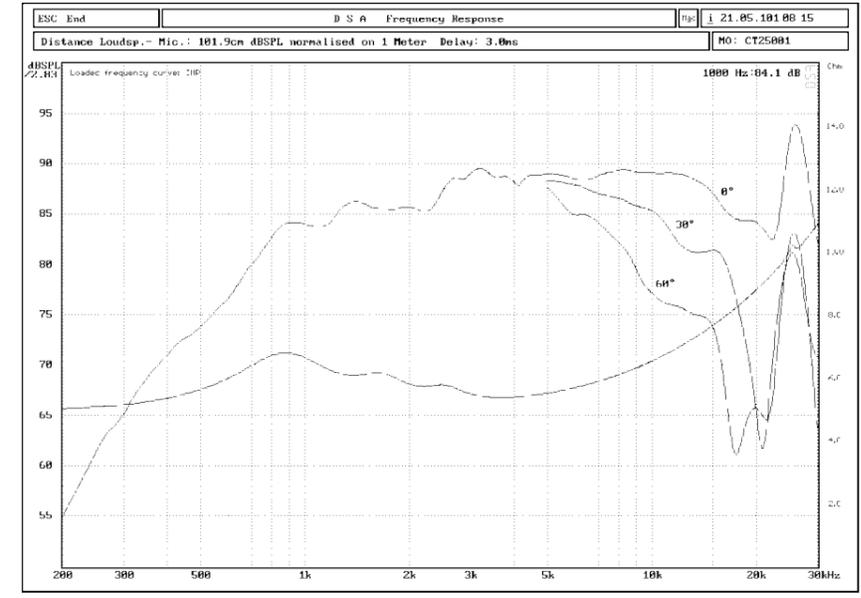
An enlarged magnet system surface area with low viscosity magnetic fluid to keep the unit cool.

All visible metal parts are satin chromium plated to ensure a nice and durable appearance.

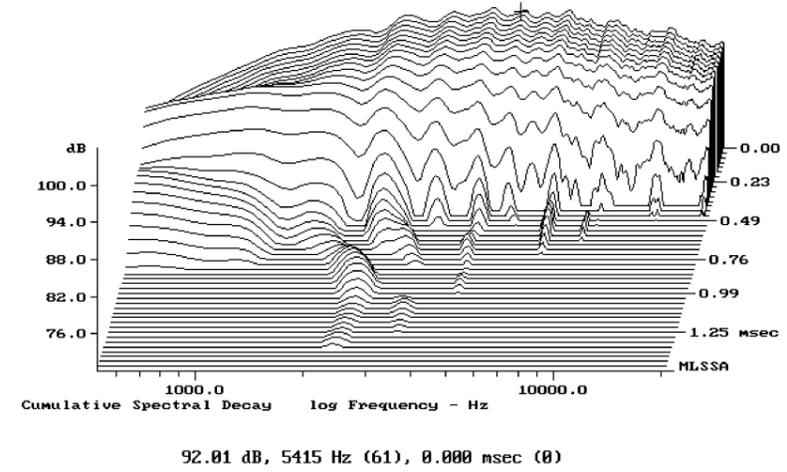
NOMINAL IMPEDANCE	6 Ohms	VOICE COIL RESISTANCE	4.8 Ohms
RECOMMENDED FREQUENCY RANGE	2000-25000Hz	VOICE COIL INDUCTANCE (EQUIVALENT)	0.05 mH
SHORT TERM MAXIMUM POWER*	220 W	VOICE COIL DIAMETER	26 mm
LONG TERM MAXIMUM POWER*	90 W	VOICE COIL HEIGHT	1.5 mm
CHARACTERISTIC SENSITIVITY (1W,1m)	88 dB SPL	MOVING MASS	0.3 g
OPERATING POWER ( 96 dB SPL , 1m)	6.3 W	EFFECTIVE PISTON AREA	7.0 sq.cm
AIR GAP HEIGHT	2.0 mm	LINEAR COIL TRAVEL ( p-p)	0.5 mm
MAGNETIC GAP FLUX DENSITY	1.2 T	FREE AIR RESONANCE	850 Hz
FORCE FACTOR	2.3 N/A		
MAGNET WEIGHT	0.01 g		
TOTAL WEIGHT	0.17 Kg		

\* IEC 268-5, VIA HIGH PASS BUTTERWORTH FILTER: 3500 Hz 12 dB/oct.

Response curve recorded in anechoic chamber (Free-field, 4 pi radiation) with 0.5m microphone distance. The loudspeaker is mounted in a 0.6m by 0.8m baffle.



Cumulative spectral decay



92.01 dB, 5415 Hz (61), 0.000 msec (0)