1.5 INCH (40 MM) 8 OHM, TITANIUM DOME TWEETER

PART #: DT-15B

The DT-15B features a 1.5” titanium dome tweeter with an attached plastic diffuser to increase high frequency dispersion. An M4 tapped hole in the back of the neodymium magnet housing allows coaxial mounting to other speakers or from the rear in an enclosure. This model matches well with 5.25-8” woofers as either a coaxial addition or in a two-way system.

- Titanium dome tweeter
- 5” (40 mm) molded resin basket diameter
- 15 watts, 8 ohm, 87 dB SPL
- High energy neodymium magnet
- M4 tapped hole for easy mounting

For this tweeter with a silk dome, see DT-15D.
For an added 5 ohm resistor and 3.3 uF capacitor, see DT-15A-5R-3.3UF.

Primary Specifications

Size, Nominal (inch & mm)	1" (25 mm)
Rated Impedance (Ω)	8
Sensitivity (dB SPL) [1]	87
Frequency Range (Hz)	2, 000 - 20, 000
Resonant Frequency (Fs) (Hz) +/- 15%	1575

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More Specifications

Application	Auto / Motorcycle, Home Audio, Indoor, Voice Communications
RoHS Compliant	Yes
DC Resistance (Re) (Ω)	7.2
Program Power (W)	30

Small Signal Parameters

Nominal Impedance (Z) (Ω)	8
DC Resistance (Re) (Ω)	7.2
Resonant Frequency (Fs) (Hz) +/- 15%	1575
Mechanical Q Factor (Qms)	1.1
Electrical Q Factor (Qes)	2.71
Total Q Factor (Qts)	0.78

Material Descriptions

Basket Type	Molded resin
Terminal Size (mm)	0.1 x 0.02
Voice Coil Diameter (mm)	20.3
Voice Coil Wire Material	Copper
Voice Coil Former Material	Aluminum
Magnet Material	Neodymium
Magnet Weight (g)	6
Cone Body Material	Titanium dome
Cone Surround Material	Pre-treated black cloth
Net Weight (kg)	0.03

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