

TEAX32C20-8 Data Sheet

TEAX32C20-8 High Power Exciter



Features

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- Wide bandwidth and wide directivity
- Impedance: 8 ohm nominal
- Outside Diameter 51.2mm
- Thickness: 22.5mm
- Mass: 150g

Applications

- Signage
- Interactive displays
- Industrial control

Parameters

Units Parameter Description min typ max DC resistance -10% 7.4 +10% Ohms Re Le Inductance (@ 10kHz) -10% 1.0 +10% mΗ BL Force factor -10% 7.4 +10% Tm -20% 400 +20% fs **Resonance frequency** Hz +20% Magnet resonance -20% 90 Hz f_m dDrv Voice coil diameter 32 mm M_{ms} Moving mass 3.4 g mmN⁻¹ C_{ms} Compliance 0.046 Nsm⁻¹ **R**_{ms} Suspension Loss 0.85

Description

The TEAX32C20-8 high power 32mm voice coil 80hm exciter provides high electro-magnetic efficiency and exceptional power handling. It is designed for commercial and industrial audio, driving heavy, rigid surfaces.

Operating conditions

Condition	Value
Continuous power handling(weighted pink noise)	10W
Burst power handling(weighted pink noise	>20 W
Operating temperature range	-20 to 55° C
Audio frequency range	100Hz to 15kHz

Response

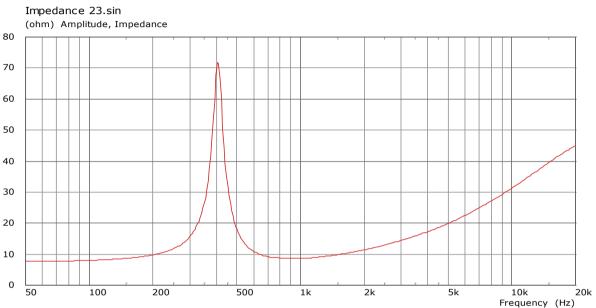
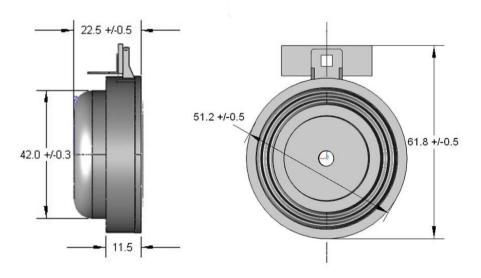


Figure 1.Impedance vs. frequency, free coil.

Outline Drawing





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