

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

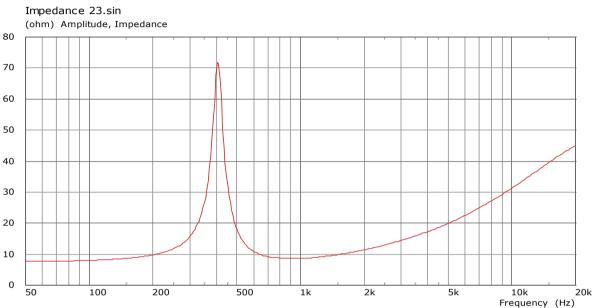
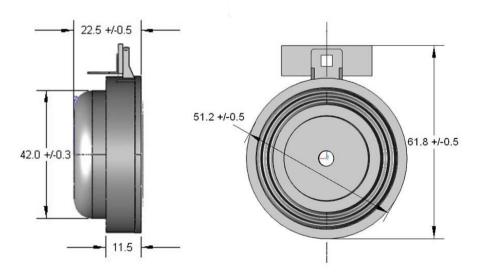


Figure 1.Impedance vs. frequency, free coil.

Outline Drawing





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