

Specification Sheet

Model # M-812687



MISCO®

Key Features:

- 4" (100 mm), 8 ohm
- Tweeter, 10 watts
- Ferrite magnet, 1" dome tweeter
- RoHS Compliant;

Product Specifications & Parameters

Primary Specifications

| | |
|----------------------|--------|
| Speakers Environment | Indoor |
| RoHS Compliant | Yes |

Technical Specifications

| | | Units of Measure |
|--|-------------|------------------|
| Nominal Basket Diameter | 4.0 | inch |
| | 100.0 | mm |
| Rated Impedance | 8 | ohms |
| Rated Power | 10.0 | Watts |
| Program Power | 20 | Watts |
| Frequency Range | 850 - 20000 | Hz |
| Sensitivity (2.83 V input measured at 1 Meter) | 92 | dB SPL |
| Voice Coil Diameter | 1.0 / 25.4 | inch / mm |
| Magnet Weight | 8.9 / 253 | oz / gr |
| Transformer | | |

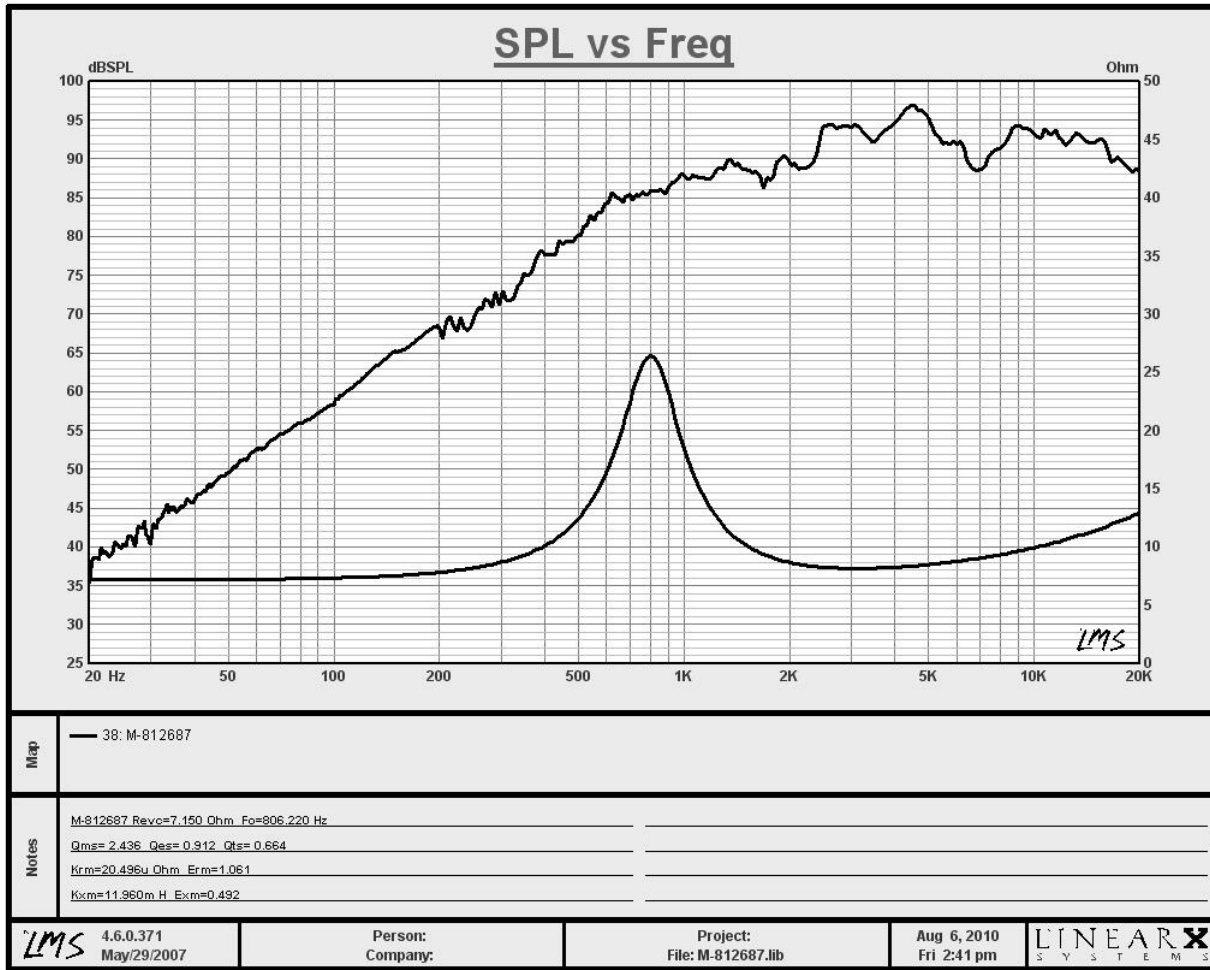
Small Signal Parameters

| | | Units of Measure |
|------------------------------------|------|------------------|
| Resonant Frequency (fo) | 806 | Hz |
| D.C. Resistance (Re) | 7.2 | ohms |
| Mechanical Q (Qms) | 2.4 | |
| Electrical Q (Qes) | 0.91 | |
| Total Q (Qts) | 0.66 | |
| Compliance Equivalent Volume (Vas) | | ltr |
| BL Product (BL) | | T-M |
| Maximum Linear Excursion (Xmax) | | mm |
| Surface Area of Cone (Sd) | | cm ² |
| Moving Mass (Mmd) | | g |

Material Descriptions

| | |
|-----------------|---------------|
| Basket | Cast Aluminum |
| Terminal Size | 0.110 X 0.02 |
| Magnet | Ferrite |
| Voice Coil Wire | Copper |
| Voice Coil Form | Aluminum |
| Cone | Silk Dome |
| Cone Edge | Silk |
| Dust Cap | None |

Sensitivity / Frequency



Drawing

| ID | Description | Measurements | Tolerance |
|----|-------------------|--------------|------------|
| Od | Outside Diameter | 4.1 in. | +/- 0.020" |
| CD | Cutout Diameter | in. | +/- 0.020" |
| MG | Magnet Diameter | 2.8 in. | +/- 0.050" |
| HD | Hole Diameter | 0.2 in. | +/- 0.010" |
| MD | Mounting Diameter | 3.7 in. | +/- 0.010" |
| ID | Internal Depth | 1.0 in. | +/- 0.025" |
| FT | Flange Thickness | 0.17 in. | +/- 0.050" |
| NW | Net Weight | 569.0 g | |

