

Specification Sheet

Model # Z9740



MISCO®

Key Features:

- 3.2" (83 mm), 8 ohm
- Portable USB powered voice speaker, 4 watt
- water resistant
- connects to sound card with 1/8" stereo plug
- Temperature rating: minus 40F(minus 40C) to +185F (+85C)

Product Specifications & Parameters

Primary Specifications

Speakers Environment	Outdoor
RoHS Compliant	No

Technical Specifications

		Units of Measure
Nominal Basket Diameter	3.2	inch
	83.0	mm
Rated Impedance	8	ohms
Rated Power	4.0	Watts
Program Power	8	Watts
Frequency Range	350 - 9000	Hz
Sensitivity (2.83 V input measured at 1 Meter)	84	dB SPL
Voice Coil Diameter	0.7 / 17.8	inch / mm
Magnet Weight	0.2 / 4	oz / gr
Transformer		

Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	428	Hz
D.C. Resistance (Re)	6.8	ohms
Mechanical Q (Qms)		
Electrical Q (Qes)		
Total Q (Qts)		
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	Stamped Steel
Terminal Size	0.19 X 0.02
Magnet	Neodymium
Voice Coil Wire	Copper
Voice Coil Form	Kapton
Cone	Red Acrylic Treated Cloth
Cone Edge	Red Acrylic Treated Cloth
Dust Cap	Mylar

Drawing

ID	Description	Measurements	Tolerance
OD	Outside Diameter	2.6 in.	+/- 0.040"
CD	Cutout Diameter	2.4 in.	+/- 0.030"
MG	Magnet Diameter	0.9 in.	+/- 0.050"
HD	Hole Diameter	0.3 in.	+/- 0.020"
MD	Mounting Diameter	3.1 in.	+/- 0.020"
ID	Internal Depth	0.7 in.	Maximum
FT	Flange Thickness	0.07 in.	+/- 0.050"
NW	Net Weight	39.0 gr.	

