

Specification Sheet

Model # Z9740



Key Features:

- 3.2" (83 mm), 8 ohm
- Portable USB powered voice speaker, 4 watt
- waterproof connects to sound cord with 1/8" stereo plug;



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	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

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)	cm2

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.	+/- 0.020"
CD	Cutout Diameter	2.4 in.	+/- 0.020"
MG	Magnet Diameter	0.9 in.	+/- 0.050"
HD	Hole Diameter	0.3 in.	+/- 0.010"
MD	Mounting Diameter	3.1 in.	+/- 0.010"
ID	Internal Depth	0.7 in.	+/- 0.025"
FT	Flange Thickness	0.07 in.	+/- 0.050"
NW	Net Weight	39.0 gr.	

