

# Specification Sheet

Model # A22S-FR



## Key Features:

- 2.5" (66mm), 8 ohm
- Voice Range, 3 watts
- Alnico magnet, flame retardant paper cone;



## Product Specifications & Parameters

### Primary Specifications

Speakers Environment	Indoor
RoHS Compliant	No

### Technical Specifications

		Units of Measure
Nominal Basket Diameter	2.5	inch
	66.0	mm
Rated Impedance	8	ohms
Rated Power	3	Watts
Program Power	6	Watts
Frequency Range	260 - 8000	Hz
Sensitivity (2.83 V input measured at 1 Meter)	84	dB SPL
Voice Coil Diameter	0.7 / 17.8	inch / mm
Magnet Weight	0.5 / 15	oz / gr

### Small Signal Parameters

	Units of Measure
Resonant Frequency (fo)	400 Hz
D.C. Resistance (Re)	6.3 ohms
Mechanical Q (Qms)	
Electrical Q (Qes)	
Total Q (Qts)	
Compliance Equivalent Volume (Vas)	ltr
BL Product (BL)	T-M
Maximum Linear Excursion (Xmax)	1.3 mm
Surface Area of Cone (Sd)	cm <sup>2</sup>

### Material Descriptions

Basket	Stamped Steel
Terminal Size	0.19 X 0.02
Magnet	Alnico
Voice Coil Wire	Copper
Voice Coil Form	Aluminum
Cone	Flame Retardant Paper
Cone Edge	Flame Retardant Paper
Dust Cap	Flame Retardant Paper

## Drawing

ID	Description	Measurements	Tolerance
OD	Outside Diameter	2.5 in.	+/- 0.020"
CD	Cutout Diameter	2.3 in.	+/- 0.020"
MG	Magnet Diameter	0.9 in.	+/- 0.050"
HD	Hole Diameter	0.17 in.	+/- 0.010"
MD	Mounting Diameter	2.9 in.	+/- 0.010"
ID	Internal Depth	1.1 in.	+/- 0.025"
FT	Flange Thickness	0.1 in.	+/- 0.050"
NW	Net Weight	81.0 gr.	

