

# Specification Sheet

Model # JC50F-4A



# MISCO®

## Key Features:

- 5" (127mm), 4 ohm
- Extended Range, 15 watts
- Ferrite magnet, paper cone with polyether foam surround;

## Product Specifications & Parameters

### Primary Specifications

Speakers Environment	Indoor
RoHS Compliant	No

### Technical Specifications

		Units of Measure
Nominal Basket Diameter	5.0	inch
	127.0	mm
Rated Impedance	4	ohms
Rated Power	15.0	Watts
Program Power	30	Watts
Frequency Range	70 - 20000	Hz
Sensitivity (2.83 V input measured at 1 Meter)	91	dB SPL
Voice Coil Diameter	0.8 / 20.3	inch / mm
Magnet Weight	10.0 / 284	oz / gr
Transformer		

### Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	80	Hz
D.C. Resistance (Re)	3.5	ohms
Mechanical Q (Qms)	3.4	
Electrical Q (Qes)	0.48	
Total Q (Qts)	0.42	
Compliance Equivalent Volume (Vas)	6.62	ltr
BL Product (BL)		T-M
Maximum Linear Excursion (Xmax)	2.3	mm
Surface Area of Cone (Sd)		cm <sup>2</sup>
Moving Mass (Mmd)		g

### Material Descriptions

Basket	Stamped Steel
Terminal Size	0.205 x 0.02
Magnet	Ferrite
Voice Coil Wire	Copper
Voice Coil Form	Aluminum
Cone	Paper
Cone Edge	Polyether Foam
Dust Cap	Felt

# Drawing

ID	Description	Measurements	Tolerance
OD	Outside Diameter	5.0 in.	+/- 0.040"
CD	Cutout Diameter	4.1 in.	+/- 0.030"
MG	Magnet Diameter	3.4 in.	+/- 0.050"
HD	Hole Diameter	0.2 in.	+/- 0.020"
MD	Mounting Diameter	4.6 in.	+/- 0.020"
ID	Internal Depth	1.8 in.	Maximum
FT	Flange Thickness	0.15 in.	+/- 0.050"
NW	Net Weight	802.0 gr.	

