

Specification Sheet

Model # 105PF04-1



Key Features:

- 4" (100mm), 4 ohm
- Woofer, 20 watts
- Ferrite magnet, paper cone with polyether foam surround
- 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	4	ohms
Rated Power	20	Watts
Program Power	40	Watts
Frequency Range	81 - 12000	Hz
Sensitivity (2.83 V input measured at 1 Meter)	84	dB SPL
Voice Coil Diameter	1.0 / 25.4	inch / mm
Magnet Weight	10.0 / 284	oz / gr

Small Signal Parameters

	Units of Measure
Resonant Frequency (fo)	81 Hz
D.C. Resistance (Re)	3.4 ohms
Mechanical Q (Qms)	5.35
Electrical Q (Qes)	0.58
Total Q (Qts)	0.53
Compliance Equivalent Volume (Vas)	2.8 ltr
BL Product (BL)	4.4 T-M
Maximum Linear Excursion (Xmax)	1.4 mm
Surface Area of Cone (Sd)	54.0 cm ²

Material Descriptions

Basket	Stamped Steel
Terminal Size	.110 X .020 / .205 X .020
Magnet	Ferrite
Voice Coil Wire	Copper
Voice Coil Form	Paper
Cone	Paper
Cone Edge	Polyether Foam
Dust Cap	Paper

Drawing

ID	Description	Measurements	Tolerance
OD	Outside Diameter	4.2 in.	+/- 0.020"
CD	Cutout Diameter	3.7 in.	+/- 0.020"
MG	Magnet Diameter	3.2 in.	+/- 0.050"
HD	Hole Diameter	0.27 in.	+/- 0.010"
MD	Mounting Diameter	5.0 in.	+/- 0.010"
ID	Internal Depth	2.1 in.	+/- 0.025"
FT	Flange Thickness	0.1 in.	+/- 0.050"
NW	Net Weight	675.0 gr.	

