

LY302F Specifications

ITEMS:	SPECIFICATION:	VOICE COIL:
Dimensions	84 × 84 mm (3.5")	Diameter 25.4 (mm)
Impedance	6 ohms	Winding Length 7.1 (mm)
Input	15 W RMS (30 W Max)	Layer 2
Free air resonance	84.5 Hz	Former material Kraft KSV
Sensitivity	86.2 dB 2.83V/1m	Wire material Copper SVW
Frequency range	85 to 20000 Hz	CONE: Treated paper
Sine wave test	5.5 V	SURROUND: Treated cloth
Weight	540 grams (1.19 lbs)	MAGNET:
Life test	7.5 W, 8H , EIA white noise	Diameter 65 (mm)
Basket: die cast (aluminum)		Height 10 (mm)
W/Copper cap on pole piece		Material Ferrite Y30
		Quantity 2 pcs
		Weight 252 (grams)
		Gap(H) 4 (mm)

PARAMETERS:					
DC resistance	Re:	4.5 (Ω)	Moving mass	Mms:	3.34 (grams)
Resonance frequency	Fs:	84.5 (Hz)	Equivalent volume	Vas:	1.87 (l)
Maximum impedance	Zm:	42.5 (Ω)	Suspension compliance	Cms:	1.06 (mm/N)
Mechanical Q factor	Qms:	6.47	BL product	BL:	3.22 (N/A)
Electrical Q factor	Qes:	0.76	Driver piston diameter	D:	67 (mm)
Total Q factor	Qts:	0.68	Voice Coil Inductance	Le(1K):	0.43 (mH)
Linear Displacement	Xmax:	1.55 (mm)			

