

# LY401F Specifications

ITEMS:	SPECIFICATION:	VOICE COIL:
Dimensions	105.5 × 105.5 mm ( 4")	Diameter 25.4 (mm)
Impedance	6 ohms	Winding Length 7.1 (mm)
Input	20 W RMS (40 W Max)	Layer 2
Free air resonance	53.53 Hz	Former material Kraft KSV
Sensitivity	90.03 dB 2.83V/1m	Wire material Copper SVW
Frequency range	55 to 20000 Hz	<b>CONE:</b> Treated paper
Sine wave test	5.5 V	<b>SURROUND:</b> Treated cloth
Weight	800 grams (1.76 lbs)	<b>MAGNET:</b>
Life test	15 W, 8H , EIA white noise	Diameter 85 (mm)
Basket: die cast (aluminum)		Height 15 (mm)
		Material Ferrite Y30
		Quantity 1 pcs
		Weight 354 (grams)
		Gap(H) 4 (mm)

PARAMETERS:					
DC resistance	Re:	4.3	(Ω)	Moving mass	Mms: 5.66 (grams)
Resonance frequency	Fs:	53.53	(Hz)	Equivalent volume	Vas: 6.48 ( l )
Maximum impedance	Zm:	54.2	(Ω)	Suspension compliance	Cms: 1.56 (mm/N)
Mechanical Q factor	Qms:	3.34		BL product	Bl: 5.33 (N/A)
Electrical Q factor	Qes:	0.29		Driver piston diameter	D: 83 (mm)
Total Q factor	Qts:	0.26		Voice Coil Inductance	Le(1K): 0.38 (mH)
Linear Displacement	Xmax:	1.55	(mm)		

