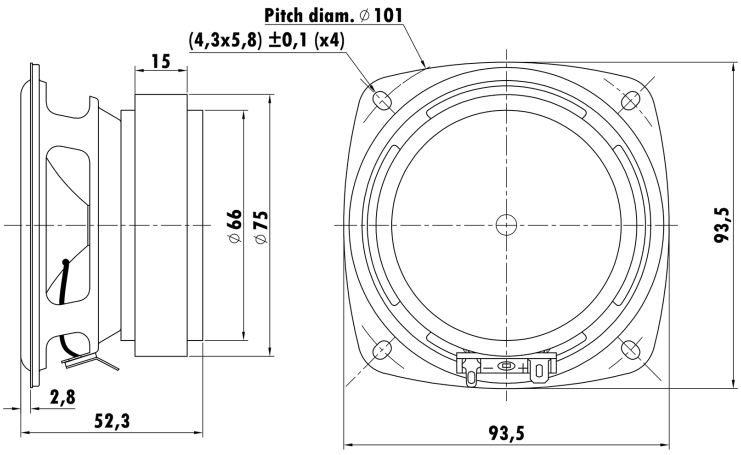
EASTECH

www.eastech.com

Datasheet updated: 15-07-2020

Standard Transducers
Woofer / FSB224035-0401

3.5", Steel Frame
1" PESVW Voice Coil, Kapton Former
Paper Cone, Rubber Surround
Strong Ferrite Magnet Motor System



T-S Parameters

Resonance frequency [fs]	96.1 Hz
Mechanical Q factor [Qms]	6.038
Electrical Q factor [Qes]	0.517
Total Q factor [Qts]	0.476
Force factor [Bl]	4.623 Tm
Mechanical resistance [Rms]	0.512 kg/s
Moving mass [Mms]	5.119 g
Compliance [Cms]	0.536 mm/N
Effective diaph. diameter [D]	76 mm
Effective piston area [Sd]	45.36 cm²
Equivalent volume [Vas]	1.5618 l
Sensitivity (2.83V/1m)	87 dB
Ratio Bl/√Re	2.44 N/√W
Ratio fs/Qts	202 Hz

Electrical Data

Nominal impedance [Zn]	4 Ω
Minimum impedance [Zmin]	3.87 Ω
Maximum impedance [Zo]	33.09 Ω
DC resistance [Re]	3.58 Ω
Voice coil inductance [Le]	0.217 mH

Power Handling

100h RMS noise test (IEC 18.4)	30 W
Long-term max power (IEC 18.2)	- W

Voice Coil & Magnet Data

Voice coil diameter	25.4 mm
Voice coil height	9.7 mm
Voice coil layers	2
Height of gap	4 mm
Linear excursion	± 2.85 mm
Max mech. excursion	± - mm
Unit weight	0.57 kg