

Product Name : Hybrid Speaker FPS0105HY-02

Specifications

1. Type (Struct.,Freq.) : Flat&Exciter, -15kHz (Freq. Range varies by mounting material)
2. Rated (MAX) Input : 10W (15W Max.)
3. Rated Impedance : $8\Omega \pm 15\%$
4. Resonance Freq. (f0) : Freq. Range varies by mounting materials (50Hz-)
5. Sound Pressure Level : $82\text{dB} \pm 3\text{dB}$ /1W/0.5m (500,600,700,3k,4k,5kHz avg.)
(mounted on isocyanate board T=10, 420x594mm)
6. Polarity : When a positive DC current is applied to the voice coil terminal marked PLUS, the diaphragm shall move forward.
7. Terminal : AWG24 cable out
8. Mass : 75g
9. Magnet : Rare Earth 10x10x3
10. Outside Dimensions : W30mm x H150mm x D10.2mm

Life Test

1. Heat Resistance : 70°C 20-50%, 100 Hours
2. Cold Resistance : -40°C , 100 Hours
3. Humidity Resistance : 92-96%, 40°C , 100 Hours
4. Load Test : 24°C , JIS 10W 100 Hours
5. Withstand Voltage Test : Terminal – Frame 100V AC 1M Ω UPPER
6. Environmental Standard : Comply with RoHS
7. Pass Criterion : Fulfill the specification of the after-test following.
8. Representative frequency response : 1W / 0.5m / JIS BOX C5532
(mounted on isocyanate board T=10, 420x594mm)

FPS0105HY-02 outline drawing

