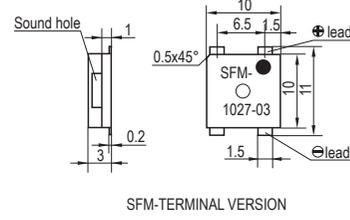
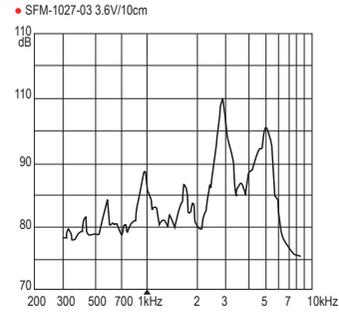


- SFM-1027-03
- SFM-1027-05



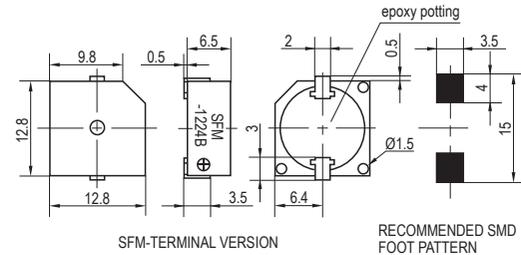
RECOMMENDED SMD FOOT PATTERN



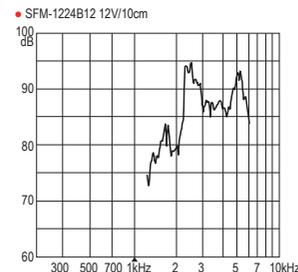
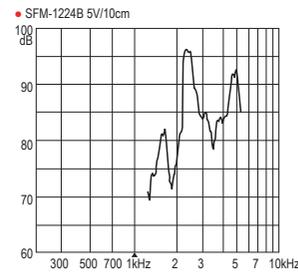
Model No.	Min.Sound Pressure Level (dB)	Rated Voltage (V)	Operating Voltage (V)	Max.Consumption (mA)	Resonant Frequency (Hz)	DC Resistance (Ω)	Operating Temperature (°C)	Weight (g)	Case Material / Colour
SFM-1027-03	90/3.6V/10cm	3.6	3.2~4.5	100/3.6V _{DC}	2700	15~20	-30~+85	0.5	PPS/Black
SFM-1027-05	85/5V/10cm	5	3~8	100/5V _{DC}	2730	25±7			

Note:Value applying rated voltage (resonant frequency,1/2 duty,square wave)

- SFM-1224B
- SFM-1224B12



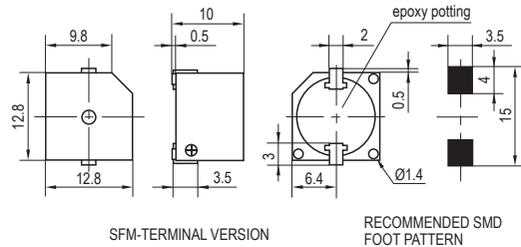
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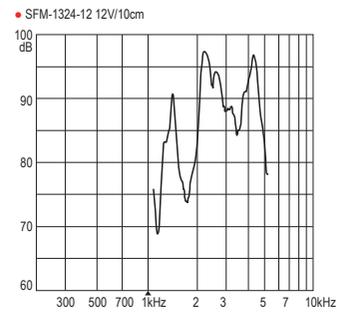
Model No.	Min.Sound Pressure Level (dB)	Rated Voltage (V)	Operating Voltage (V)	Max.Consumption (mA)	Resonant Frequency (Hz)	DC Resistance (Ω)	Operating Temperature (°C)	Weight (g)	Case Material / Colour
SFM-1224B	87/5V/10cm	5	4~7	40/5V _{DC}	2400	50±7	-40~+85	2	PPS/Grey
SFM-1224B12	87/12V/10cm	12	8~16	40/12V _{DC}		140±14			

Note:Value applying rated voltage(resonant frequency,1/2 duty,square wave)

- SFM-1324-05
- SFM-1324-12



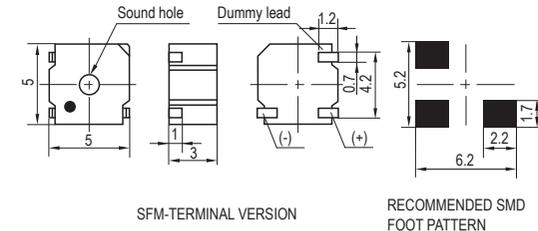
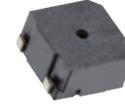
RECOMMENDED SMD FOOT PATTERN



Model No.	Min.Sound Pressure Level (dB)	Rated Voltage (V)	Operating Voltage (V)	Max.Consumption (mA)	Resonant Frequency (Hz)	Coll Resistance (Ω)	Operating Temperature (°C)	Weight (g)	Case Material / Colour
SFM-1324-05	85/5V/10cm	5	4~7	40/5V _{DC}	2400	45±5	-40~+85	2.5	PPS/Grey
SFM-1324-12	85/12V/10cm	12	8~16	40/12V _{DC}		140±14			

Note:Value applying rated voltage(resonant frequency,1/2 duty,square wave)

- SFM-5540-03A



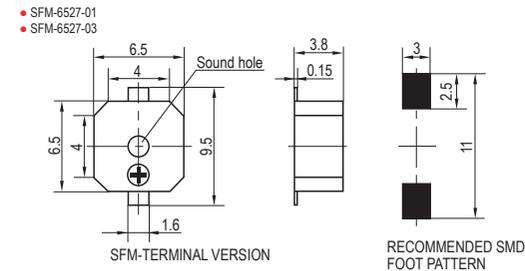
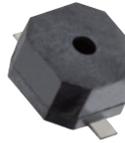
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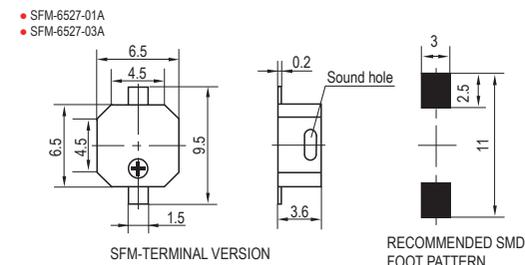
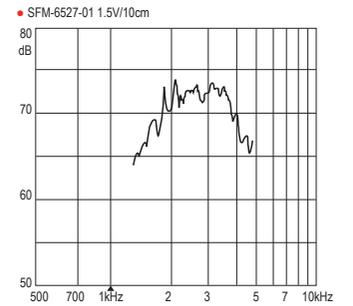
Model No.	Min.Sound Pressure Level (dB)	Rated Voltage (V)	Operating Voltage (V)	Max.Consumption (mA)	Resonant Frequency (Hz)	Coll Resistance (Ω)	Operating Temperature (°C)	Weight (g)	Case Material / Colour
SFM-5540-03A	78/3.6V/10cm	3.6	2.5~4.5	100/3.6V _{DC}	4000	12±2	-20~+85	0.6	LCP/Black

Note:Value applying rated voltage(resonant frequency,1/2 duty,square wave)

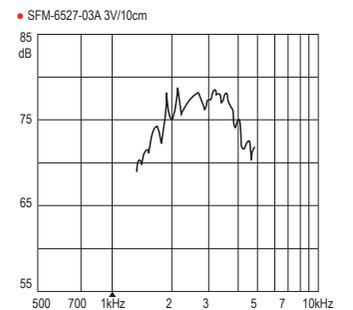
- SFM-6527 SERIES



RECOMMENDED SMD FOOT PATTERN



RECOMMENDED SMD FOOT PATTERN

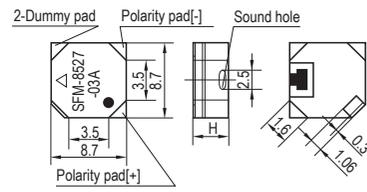


Model No.	Min.Sound Pressure Level (dB)	Rated Voltage (V)	Operating Voltage (V)	Max.Consumption (mA)	Resonant Frequency (Hz)	DC Resistance (Ω)	Operating Temperature (°C)	Weight (g)	Case Material / Colour
SFM-6527-01	70/1.5V/10cm	1.5	1~2	70/1.5V _{DC}	2731	6.5±1	-20~+85	1	PPS/Black
SFM-6527-01A								1.2	
SFM-6527-03	70/3V/10cm	3	2~4	95/3V _{DC}	2730	22±5		1.2	
SFM-6527-03A								1.2	

Note:Value applying rated voltage(resonant frequency,1/2 duty,square wave)

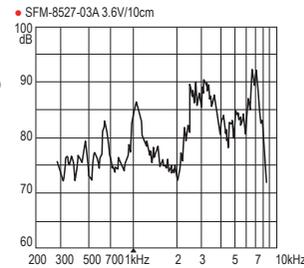
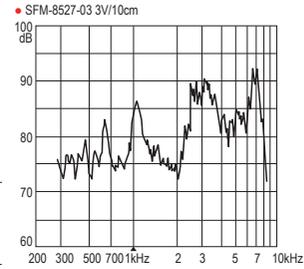
EAST SMD MAGNETIC TRANSDUCER

- SFM-8527-03
- SFM-8527-03A



SFM-TERMINAL VERSION		
MODEL	SFM-8527-03	SFM-8527-03A
H	3.2mm	4mm

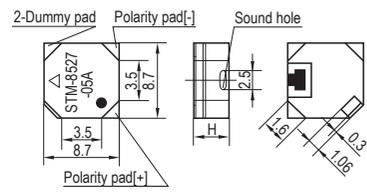
RECOMMENDED SMD FOOT PATTERN



Model No.	Min.Sound Pressure Level (dB)	Rated Voltage (V)	Operating Voltage (V)	Max.Consumption (mA)	Resonant Frequency (Hz)	Coll Resistance (Ω)	Operating Temperature (°C)	Weight (g)	Case Material / Colour
SFM-8527-03	85/3V/10cm	3	2~5	70/3V _{DC}	2730	24±2	-30~+85	1	PPS/Black
SFM-8527-03A	85/3.6V/10cm	3.6	2.5~4.5	90/3.6V _{DC}		16±3			

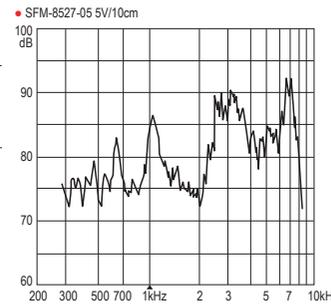
Note:Value applying rated voltage(resonant frequency,1/2 duty,square wave)

- SFM-8527-05
- SFM-8527-05A



SFM-TERMINAL VERSION		
MODEL	SFM-8527-05	SFM-8527-05A
H	4mm	3.2mm

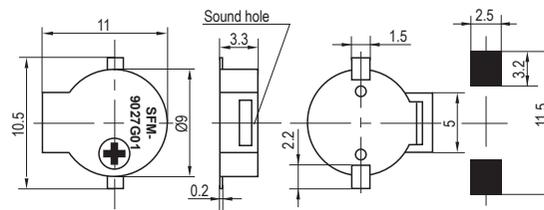
RECOMMENDED SMD FOOT PATTERN



Model No.	Min.Sound Pressure Level (dB)	Rated Voltage (V)	Operating Voltage (V)	Max.Consumption (mA)	Resonant Frequency (Hz)	Coll Resistance (Ω)	Operating Temperature (°C)	Weight (g)	Case Material / Colour
SFM-8527-05	85/5V/10cm	5	4~6	100/5V _{DC}	2730	20±5	-30~+85	1	PPS/Black
SFM-8527-05A									

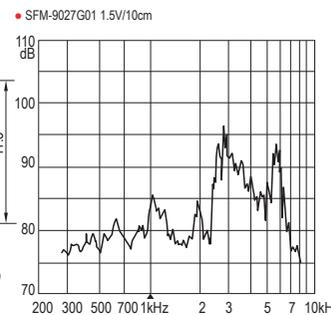
Note:Value applying rated voltage(resonant frequency,1/2 duty,square wave)

- SFM-9027G SERIES



SFM-TERMINAL VERSION

RECOMMENDED SMD FOOT PATTERN



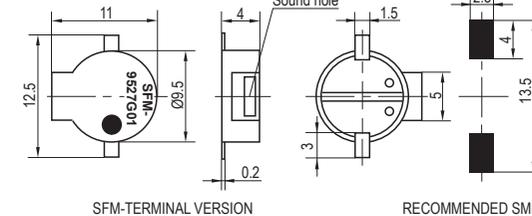
Model No.	Min.Sound Pressure Level (dB)	Rated Voltage (V)	Operating Voltage (V)	Max.Consumption (mA)	Resonant Frequency (Hz)	Coll Resistance (Ω)	Operating Temperature (°C)	Weight (g)	Case Material / Colour
SFM-9027G01	85/1.5V/10cm	1.5	1~2	80/1.5V _{DC}	2730	6±2	-40~+85	0.7	LCP/Black
SFM-9027G03	85/3V/10cm	3	2~4	80/3V _{DC}		16±3			
SFM-9027G05	85/5V/10cm	5	4~6	80/5V _{DC}		30±3			

Note:Value applying rated voltage(resonant frequency,1/2 duty,square wave)

SMD MAGNETIC TRANSDUCER

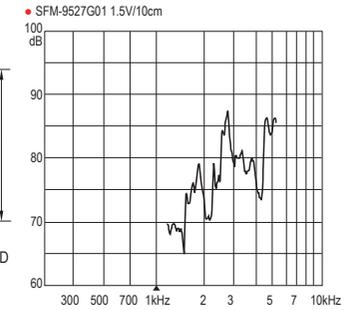


- SFM-9527G SERIES



SFM-TERMINAL VERSION

RECOMMENDED SMD FOOT PATTERN

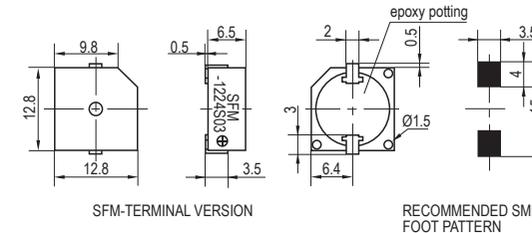


Model No.	Min.Sound Pressure Level (dB)	Rated Voltage (V)	Operating Voltage (V)	Max.Consumption (mA)	Resonant Frequency (Hz)	DC Resistance (Ω)	Operating Temperature (°C)	Weight (g)	Case Material / Colour
SFM-9527G01	80/1.5V/10cm	1.5	1~2	80/1.5V _{DC}	2731	5.5±2	-20~+85	0.8	PPS/Black
SFM-9527G03	85/3.6V/10cm	3.6	1.5~4.5	85/3.6V _{DC}		6.5±2			
SFM-9527G05	85/5V/10cm	5	4~6	90/5V _{DC}		40±5			

Note:Value applying rated voltage(resonant frequency,1/2 duty,square wave)

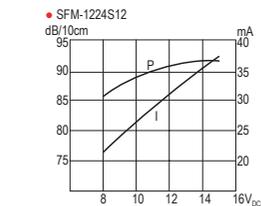
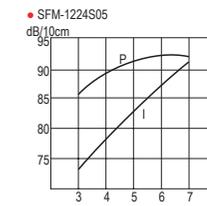
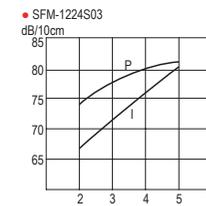
SMD MAGNETIC BUZZER

- SFM-1224S SERIES



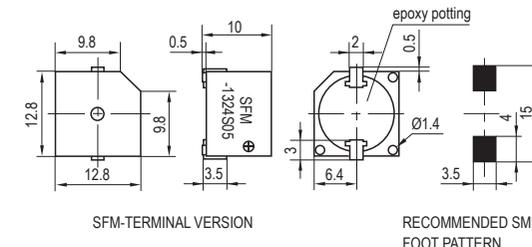
SFM-TERMINAL VERSION

RECOMMENDED SMD FOOT PATTERN



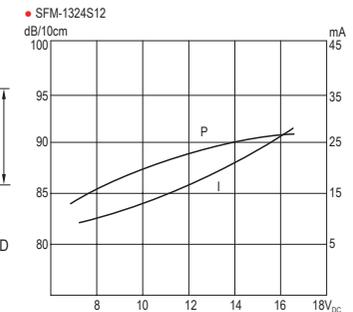
Model No.	Min.Sound Pressure Level (dB)	Rated Voltage (V _{DC})	Operating Voltage (V _{DC})	Max.Consumption (mA)	Oscillating Frequency (kHz)	Operating Temperature (°C)	Weight (g)	Case Material / Colour
SFM-1224S03	75/3V _{DC} /10cm	3	2~5	30/3V _{DC}	2.4±0.4	-20~+85	2	PPS/Grey
SFM-1224S05	88/5V _{DC} /10cm	5	4~7	30/5V _{DC}				
SFM-1224S12	88/12V _{DC} /10cm	12	8~15	30/12V _{DC}				

- SFM-1324S05
- SFM-1324S12



SFM-TERMINAL VERSION

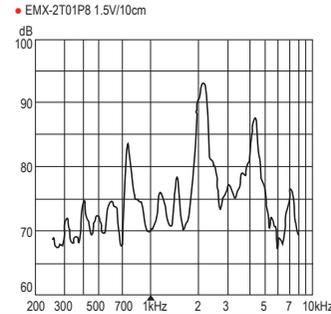
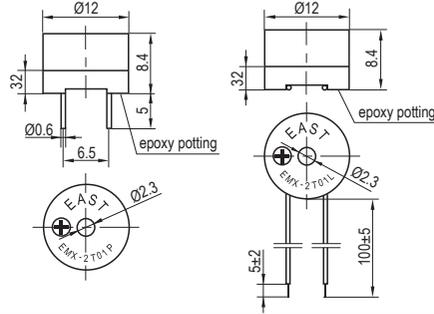
RECOMMENDED SMD FOOT PATTERN



Model No.	Min.Sound Pressure Level (dB)	Rated Voltage (V _{DC})	Operating Voltage (V _{DC})	Max.Consumption (mA)	Oscillating Frequency (kHz)	Operating Temperature (°C)	Weight (g)	Case Material / Colour
SFM-1324S05	85/5V _{DC} /10cm	5	4~7	30/5V _{DC}	2.3±0.3	-20~+105	2.5	PPS/Grey
SFM-1324S12	90/12V _{DC} /10cm	12	8~15	30/12V _{DC}		-20~+85		

EAST MAGNETIC TRANSDUCER

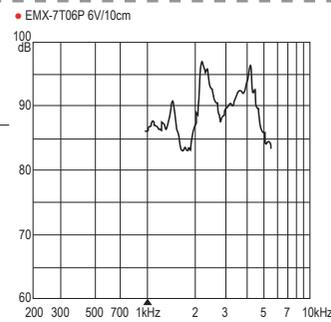
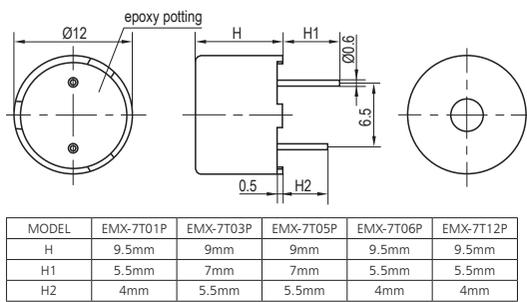
EMX-2T01 SERIES



Model No.	Min.Sound Pressure Level (dB)	Rated Voltage (V)	Operating Voltage (V)	Max.Consumption (mA)	Resonant Frequency (Hz)	Coil Resistance (Ω)	Coil Impedance (Ω)	Operating Temperature (°C)	Weight (g)
EMX-2T01P50 EMX-2T01L50	80/1.5V/10cm	1.5	1~2	10/1.5V _{DC}	2048	50±7.5	140	-20~+70	2
EMX-2T01P42 EMX-2T01L42				12/1.5V _{DC}		42±5	110		
EMX-2T01P16 EMX-2T01L16				30/1.5V _{DC}		16±4	40		
EMX-2T01P8 EMX-2T01L8	85/1.5V/10cm			60/1.5V _{DC}		8±2	20		

Note: Value applying rated voltage(resonant frequency, 1/2 duty, square wave)

EMX-7T00P SERIES

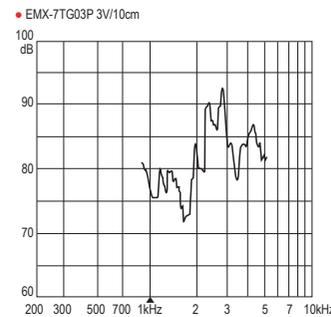
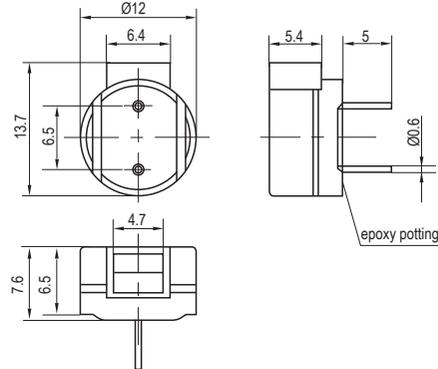


MODEL	EMX-7T01P	EMX-7T03P	EMX-7T05P	EMX-7T06P	EMX-7T12P
H	9.5mm	9mm	9mm	9.5mm	9.5mm
H1	5.5mm	7mm	7mm	5.5mm	5.5mm
H2	4mm	5.5mm	5.5mm	4mm	4mm

Model No.	Min.Sound Pressure Level (dB)	Rated Voltage (V)	Operating Voltage (V)	Max.Consumption (mA)	Resonant Frequency (Hz)	Coil Resistance (Ω)	Coil Impedance (Ω)	Operating Temperature (°C)	Weight (g)
EMX-7T01P	80/1.5V/10cm	1.5	1~2	30/1.5V _{DC}	2400	6.5±1	16±4	-40~+85	2
EMX-7T03P	85/3V/10cm	3	2~5	60/3V _{DC}		16±4	40		
EMX-7T05P	85/5V/10cm	5	3~8	40/5V _{DC}		49±5	80		
EMX-7T06P	86/6V/10cm	6	4~8	50/6V _{DC}		60±10	80		
EMX-7T12P	86/12V/10cm	12	7~16	50/12V _{DC}		140±14	240		

Note: Value applying rated voltage(resonant frequency, 1/2 duty, square wave)

EMX-7TG01P EMX-7TG03P

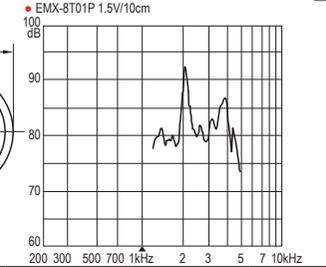
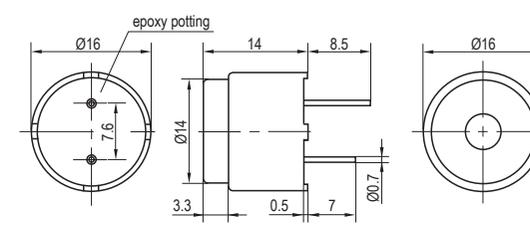


Model No.	Min.Sound Pressure Level (dB)	Rated Voltage (V)	Operating Voltage (V)	Max.Consumption (mA)	Resonant Frequency (Hz)	Coil Resistance (Ω)	Coil Impedance (Ω)	Operating Temperature (°C)	Weight (g)
EMX-7TG01P	80/1.5V/10cm	1.5	1~2	70/1.5V _{DC}	2731	6.5±1	22	-20~+70	1.7
EMX-7TG03P	88/3V/10cm	3	2~4	130/3V _{DC}		16±4			

Note: Value applying rated voltage(resonant frequency, 1/2 duty, square wave)

EAST MAGNETIC TRANSDUCER

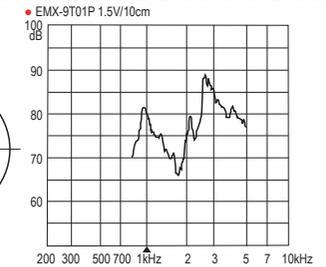
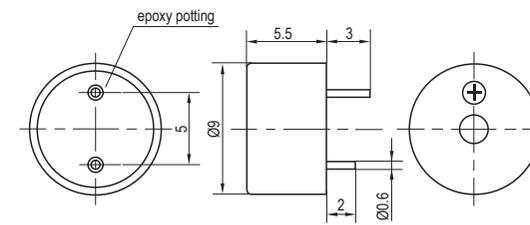
EMX-8T01P EMX-8T06P EMX-8T12P



Model No.	Min.Sound Pressure Level (dB)	Rated Voltage (V)	Operating Voltage (V)	Max.Consumption (mA)	Resonant Frequency (Hz)	Coil Resistance (Ω)	Coil Impedance (Ω)	Operating Temperature (°C)	Weight (g)
EMX-8T01P	80/1.5V/10cm	1.5	1~3	12/1.5V _{DC}	2048	27±3	80	-25~+70	5
EMX-8T06P	85/6V/10cm	6	4~8	40/6V _{DC}		50±5	110		
EMX-8T12P	85/12V/10cm	12	9~15	40/12V _{DC}		115±5	220		

Note: Value applying rated voltage(resonant frequency, 1/2 duty, square wave)

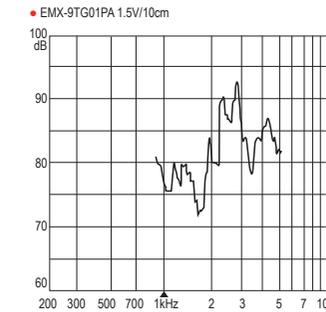
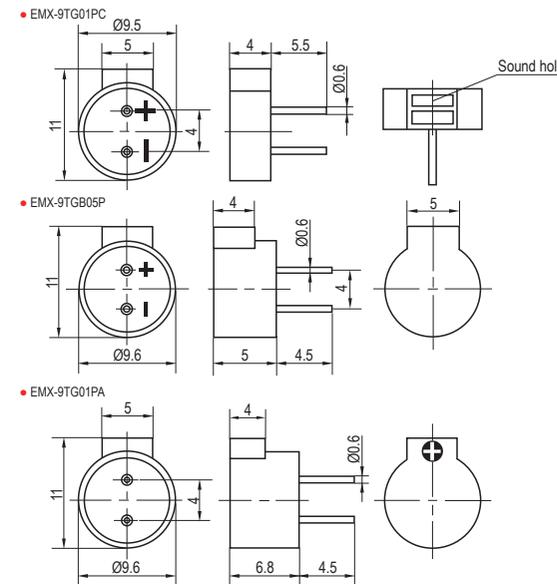
EMX-9T01P EMX-9T03P EMX-9T05P



Model No.	Min.Sound Pressure Level (dB)	Rated Voltage (V)	Operating Voltage (V)	Max.Consumption (mA)	Resonant Frequency (Hz)	Coil Resistance (Ω)	Operating Temperature (°C)	Weight (g)
EMX-9T01P	85/1.5V/10cm	1.5	1~2	80/1.5V _{DC}	2700	5.5±2	-20~+70	1
EMX-9T03P	85/3V/10cm	3	3~4.5	80/3V _{DC}		18±4		
EMX-9T05P	87/5V/10cm	5	3~7	80/5V _{DC}		25±4		

Note: Value applying rated voltage(resonant frequency, 1/2 duty, square wave)

EMX-9TG01PA EMX-9TG01PC EMX-9TGB05P

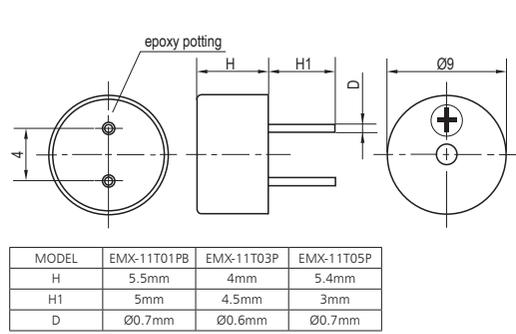


Model No.	Min.Sound Pressure Level (dB)	Rated Voltage (V)	Operating Voltage (V)	Max.Consumption (mA)	Resonant Frequency (Hz)	Coil Resistance (Ω)	Operating Temperature (°C)	Weight (g)
EMX-9TG01PA	85/1.5V/10cm	1.5	1~2	80/1.5V _{DC}	2731	5.5±2	-20~+80	0.8
EMX-9TG01PC	80/1.5V/10cm					40±4		
EMX-9TGB05P	85/5V/10cm	5	4~6	60/5V _{DC}				

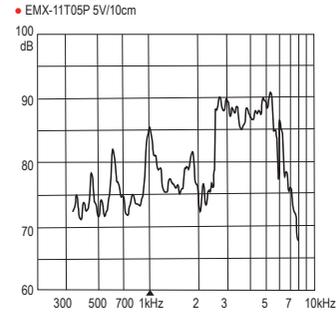
Note: Value applying rated voltage(resonant frequency, 1/2 duty, square wave)

EAST MAGNETIC TRANSDUCER

- EMX-11T01PB
- EMX-11T03P
- EMX-11T05P



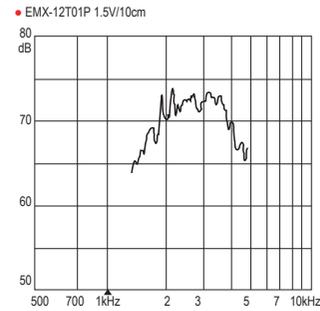
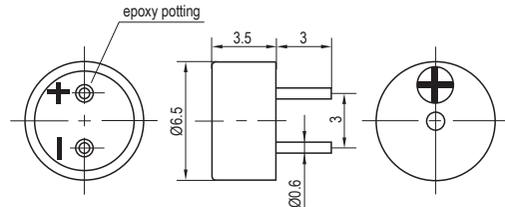
MODEL	EMX-11T01PB	EMX-11T03P	EMX-11T05P
H	5.5mm	4mm	5.4mm
H1	5mm	4.5mm	3mm
D	Ø0.7mm	Ø0.6mm	Ø0.7mm



Model No.	Min.Sound Pressure Level (dB)	Rated Voltage (V)	Operating Voltage (V)	Max.Consumption (mA)	Resonant Frequency (Hz)	Coil Resistance (Ω)	Operating Temperature (°C)	Weight (g)
EMX-11T01PB	80/1.5V/10cm	1.5	1~2	85/3V _{DC}	3100	5.5±1	-20~+70	1
EMX-11T03P	85/3V/10cm	3	2~4	90/1.5V _{DC}	2731	16±3		1.3
EMX-11T05P	85/5V/10cm	5	4.5~5.5	75/5V _{DC}		25±4		1

Note: Value applying rated voltage (resonant frequency, 1/2 duty, square wave)

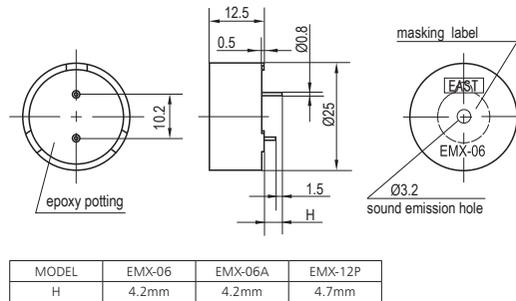
- EMX-12T01P



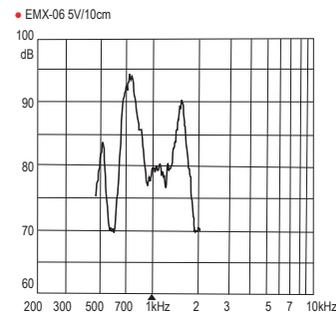
Model No.	Min.Sound Pressure Level (dB)	Rated Voltage (V)	Operating Voltage (V)	Max.Consumption (mA)	Resonant Frequency (Hz)	Coil Resistance (Ω)	Operating Temperature (°C)	Weight (g)
EMX-12T01P	70/1.5V/10cm	1.5	1~2	80/1.5V _{DC}	2731	6.5±1	-25~+70	1

Note: Value applying rated voltage (resonant frequency, 1/2 duty, square wave)

- EMX-06
- EMX-06A
- EMX-12P



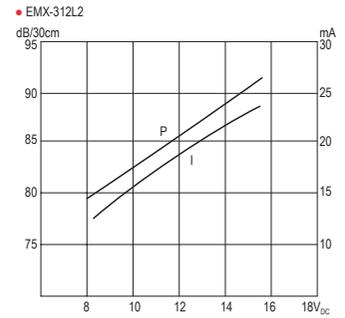
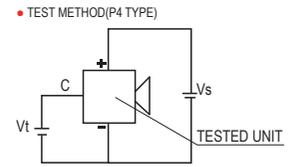
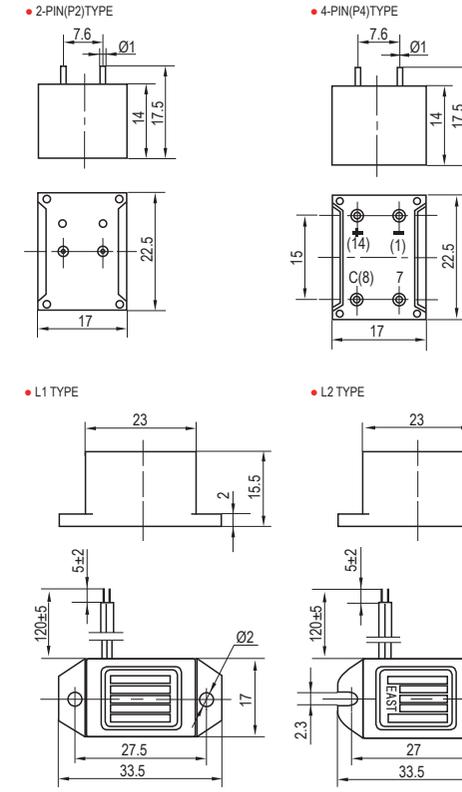
MODEL	EMX-06	EMX-06A	EMX-12P
H	4.2mm	4.2mm	4.7mm



Model No.	Min.Sound Pressure Level (dB)	Rated Voltage (V)	Operating Voltage (V)	Max.Consumption (mA)	Resonant Frequency (Hz)	Coil Resistance (Ω)	Operating Temperature (°C)	Weight (g)
EMX-06	85/5V/10cm	5	3~5	80/5V _{DC}	730	27±4	-40~+85	10
EMX-06A	85/6V/10cm	6	3~7	75/6V _{DC}	1000	36±5		
EMX-12P	85/12V/10cm	12	8~14	55/12V _{DC}	100~1500	120±15		

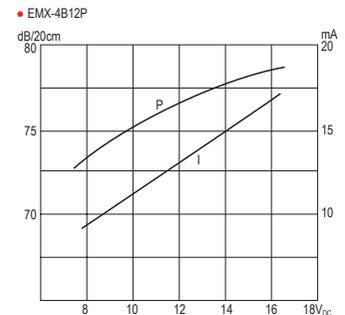
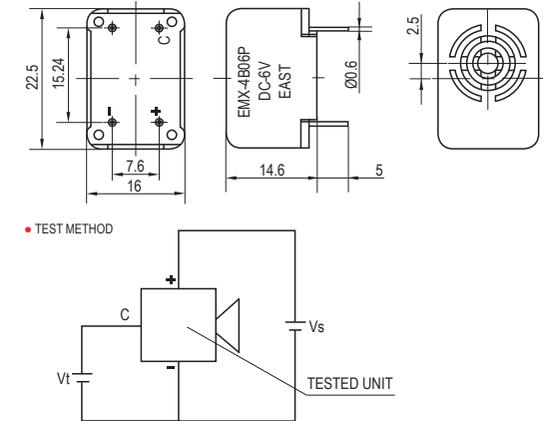
EAST MAGNETIC BUZZER

- EMX-300 SERIES



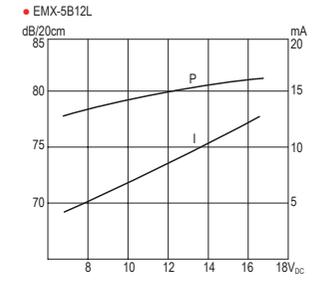
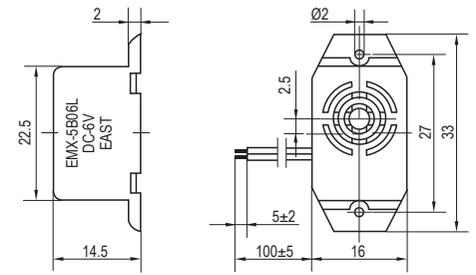
Model No.	Min.Sound Pressure Level (dB)	Rated Voltage (V _{DC})	Operating Voltage (V _{DC})	Max.Consumption (mA)	Oscillating Frequency (Hz)	Operating Temperature (°C)	Weight (g)
EMX-301L/L2 EMX-301P2/P4	70/Rated Voltage/30cm	1.5	1~3	20/1.5V _{DC}	400±50	-20~+70	8
EMX-303L/L2 EMX-303P2/P4		3	2~4	25/3V _{DC}			
EMX-306L/L2 EMX-306P2/P4	6	4~8	25/6V _{DC}				
EMX-309L/L2 EMX-309P2/P4	9	9~12	25/9V _{DC}				
EMX-312L/L2 EMX-312P2/P4	12	9~15	28/12V _{DC}				
EMX-324L/L2 EMX-324P2/P4	24	12~27	30/24V _{DC}				

- EMX-4B00P SERIES



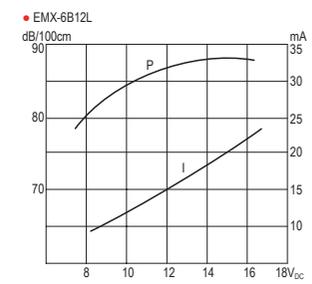
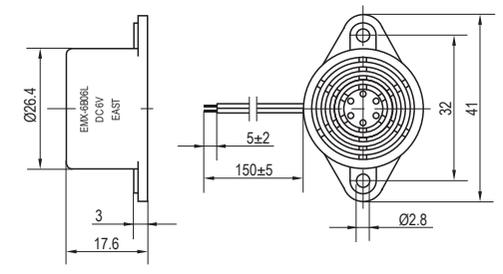
Model No.	Min.Sound Pressure Level (dB)	Rated Voltage (V _{DC})	Operating Voltage (V _{DC})	Trigger Voltage (V _{DC})	Max.Consumption (mA)	Oscillating Frequency (Hz)	Operating Temperature (°C)	Weight (g)
EMX-4B06P	70/6V _{DC} /20cm	6	3~8	≥3	23/6V _{DC}	400±100	-40~+85	10
EMX-4B12P	70/12V _{DC} /20cm	12	8~16	≥5	20/12V _{DC}			
EMX-4B24P	70/24V _{DC} /20cm	24	18~30	≥18	20/24V _{DC}			

● **EMX-5B00L SERIES**



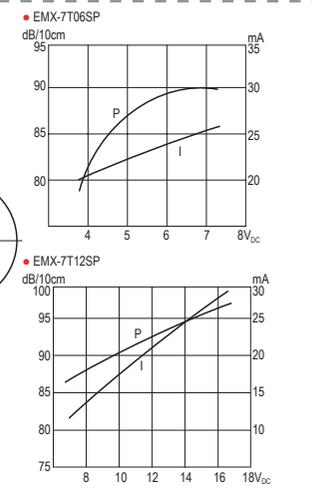
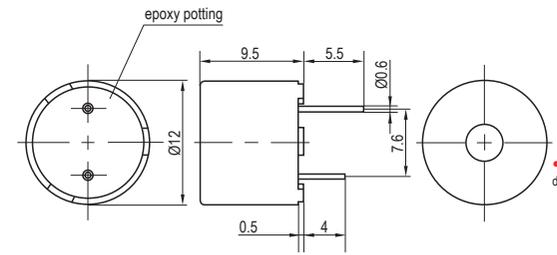
Model No.	Min.Sound Pressure Level (dB)	Rated Voltage (V _{DC})	Operating Voltage (V _{DC})	Max.Consumption (mA)	Oscillating Frequency (Hz)	Operating Temperature (°C)	Weight(g)	Wier Connection	
								+	-
EMX-5B01L	70/1.5V _{DC} /20cm	1.5	1.1~2	15/1.5V _{DC}	400±100	-40~+80	10	Red	Black
EMX-5B06L	70/6V _{DC} /20cm	6	3~7	20/6V _{DC}				Orange	White
EMX-5B12L	70/12V _{DC} /20cm	12	7~17	20/12V _{DC}				Red	White
EMX-5B24L	70/24V _{DC} /20cm	24	16~30	20/24V _{DC}				Orange	Black

● **EMX-6B00L SERIES**



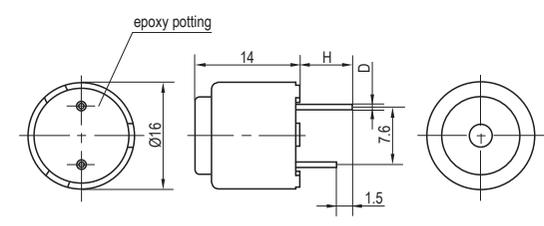
Model No.	Min.Sound Pressure Level (dB)	Rated Voltage (V _{DC})	Operating Voltage (V _{DC})	Max.Consumption (mA)	Oscillating Frequency (Hz)	Operating Temperature (°C)	Weight (g)	Wier Connection	
								+	-
EMX-6B06L	75/6V _{DC} /100cm	6	4~8	33/6V _{DC}	400±100	-20~+70	17	Red	Black
EMX-6B12L	75/12V _{DC} /100cm	12	7~16	23/12V _{DC}					
EMX-6B24L	75/24V _{DC} /100cm	24	20~28	21/24V _{DC}					

● **EMX-7T00SP SERIES**

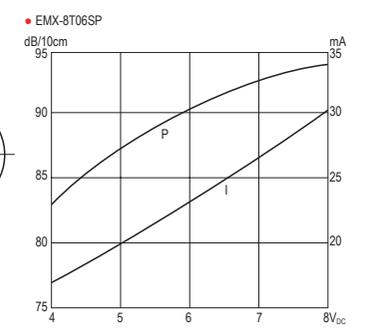


Model No.	Min.Sound Pressure Level (dB)	Rated Voltage (V _{DC})	Operating Voltage (V _{DC})	Max.Consumption (mA)	Oscillating Frequency (Hz)	Operating Temperature (°C)	Weight (g)
EMX-7T01SP	80/1.5V _{DC} /10cm	1.5	1~2	20/1.5V _{DC}	2300±300	-40~+85	1.7
EMX-7T03SP	85/3V _{DC} /10cm	3	2~5	24/3V _{DC}			
EMX-7T06SP	85/6V _{DC} /10cm	6	4~7	30/6V _{DC}			
EMX-7T12SP	85/12V _{DC} /30cm	12	9~15	30/12V _{DC}			

● **EMX-8T03SP**
● **EMX-8T06SP**
● **EMX-8T12SP**

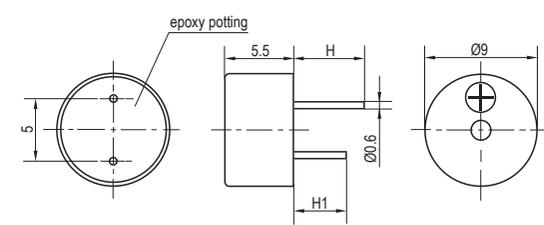


MODEL	EMX-8T03SP	EMX-8T06SP	EMX-8T12SP
H	6.5mm	6.5mm	7mm
D	Ø0.7mm	Ø0.7mm	Ø0.6mm

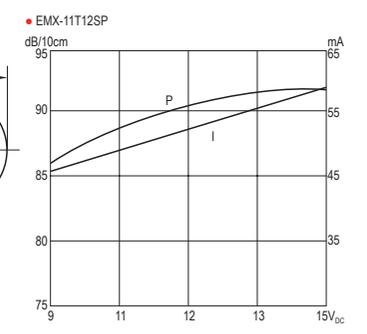


Model No.	Min.Sound Pressure Level (dB)	Rated Voltage (V _{DC})	Operating Voltage (V _{DC})	Max.Consumption (mA)	Oscillating Frequency (Hz)	Max.Response time (mS)	Operating Temperature (°C)	Weight (g)
EMX-8T03SP	85/3V _{DC} /10cm	3	2~4	35/3V _{DC}	2000±500	50	-20~+85	5
EMX-8T06SP	85/6V _{DC} /10cm	6	4~8	30/6V _{DC}	2200±300			
EMX-8T12SP	85/12V _{DC} /10cm	12	8~15	30/12V _{DC}	2300±300			

● **EMX-11T03SP**
● **EMX-11T05SP**
● **EMX-11T12SP**



MODEL	EMX-11T03SP	EMX-11T05SP	EMX-11T12SP
H	5.5mm	6mm	5.5mm
H1	4mm	4mm	4mm



Model No.	Min.Sound Pressure Level (dB)	Rated Voltage (V _{DC})	Operating Voltage (V _{DC})	Max.Consumption (mA)	Oscillating Frequency (Hz)	Operating Temperature (°C)	Weight (g)
EMX-11T03SP	80/3V _{DC} /10cm	2	2.5~4	40/3V _{DC}	2700±300	-20~+70	1
EMX-11T05SP	80/5V _{DC} /10cm	3	4~7	50/5V _{DC}			
EMX-11T12SP	85/12V _{DC} /10cm	12	9~15	50/12V _{DC}			