



• **TFM-27DA (27DN, 27DT)**



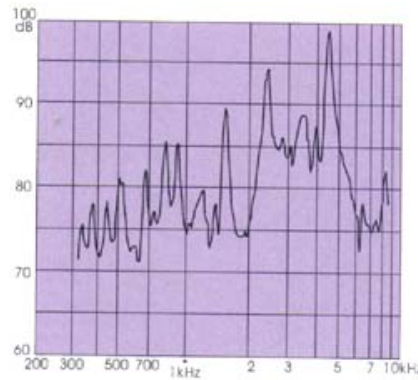
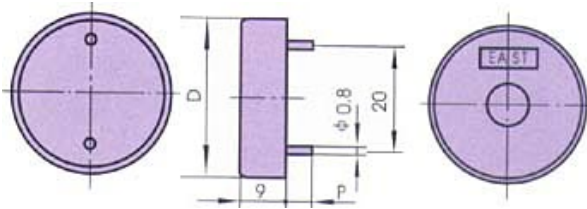
FEATURES:

- Compact structure
- Widely used as telephone ringer
- Suitable for wave soldering and washing request

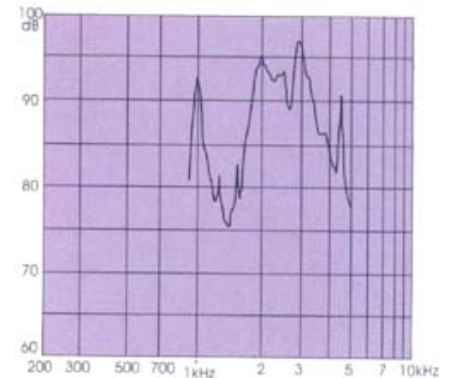
Model	P	D
TFM-27DA	4.5	Ø30.5
TFM-27DN	3.0	Ø30.5
TFM-27DT	3.35	Ø31.5

DIMENSIONS: (Unit: mm)

CHARACTERISTICS:



TFM-27DA 9V_{P-P} Square Wave/10cm
 Note : TFM-27DA is epoxy-potting type



TFM-27DT 9V_{P-P} Square Wave/10cm

ELECTRICAL SPECIFICATIONS :

Model No.	TFM-27DA	TFM-27DN	TFM-27DT
Min. Sound Pressure Level (dB)	85/3.6kHz/9V _{P-P} Square Wave /10cm	85/4kHz/9V _{P-P} Square Wave /10cm	85/2kHz/9V _{P-P} Square Wave /10cm
Max. Consumption (mA)	2.5/3.6kHz/9V _{P-P} Square Wave	3.5/4kHz/9V _{P-P} Square Wave	5/2kHz/9V _{P-P} Square Wave
Capacitance (nF)	25 ± 30% (1000Hz)		45 ± 30% (120Hz)
Allowable Input Voltage (V _{P-P})	40		
Operating Temperature (°C)	-20 ~ +70		
Weight (g)	5.5		
Case Material/Colour	PC/Black		

PACKING INFORMATION :

Packing :	2000 pcs per export carton	1500 pcs per export carton	2000 pcs per export carton
G. Weight :	12.5 kgs	9 kgs	12.5 kgs
N. Weight :	11 kgs	7.5 kgs	11 kgs

Carton Size :47 x 30.5 x 25 cm(TFM-27DA,DT)

46 x 30.5 x 25 cm(TFM-27DN)

• **TFM-59DA₁(DA₂)**

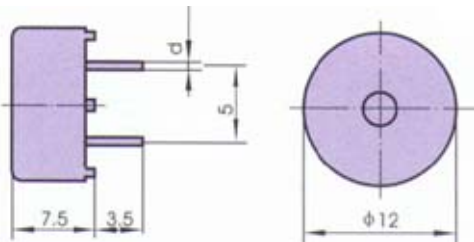


FEATURES:

- Super mini size
- Low current consumption
- High output

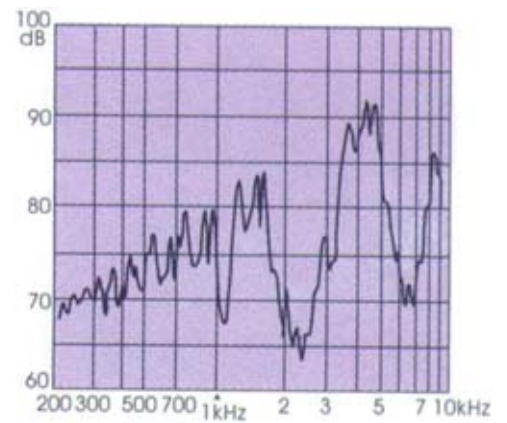
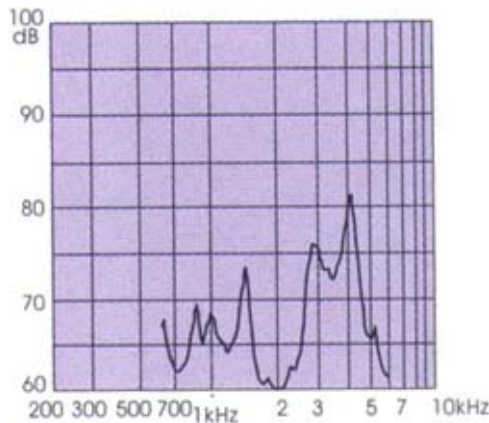
TFM59DA-1	d=Ø0.8
TFM-59DA-2	d=Ø0.7

DIMENSIONS: (Unit: mm)



TFM-59D

CHARACTERISTICS:



TFM-59DA-1 3V_{P-P} Square Wave /10cm TFM-59DA-2 12V_{P-P} Square Wave /10cm

ELECTRICAL SPECIFICATIONS :

Model No.	TFM-59DA-1	TFM-59DA-2
Min. Sound Pressure Level (dB)	70/4.0kHz/3V _{P-P} Square Wave /10cm	80/4.0kHz/12V _{P-P} Square Wave /10cm
Max. Consumption (mA)	3/4.0kHz/3V _{P-P} Square Wave	6/4.0kHz/12V _{P-P} Square Wave
Resonant Frequency (kHz)	4.0 ± 0.5	
Capacitance at 1000Hz (nF)	11 ± 30%	
Allowable Input Voltage (V _{P-P})	25	
Operating Temperature (°C)	-20 ~ +70	
Weight (g)	1	
Case Material/Colour	PC/Black	

PACKING INFORMATION :

Packing :	5000 pcs per export carton
Carton Size :	47 X 30.5 X 25 cm
G. Weight :	6.5 kgs
N. Weight :	5 kgs