

# MONACO COMPONENTS, INC.

EXTERNAL DRIVE STYLE PCB MOUNTING

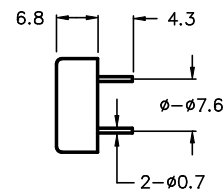
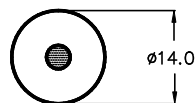
**4000  
series**

- Small size and lightweight.
- High efficiency.
- Low power consumption.

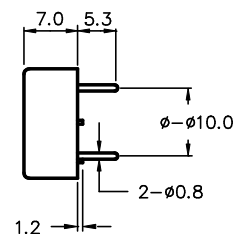
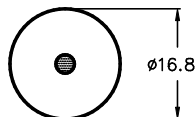
MODEL	MPD-4106	MPD-4108	MPF-4117	MPF-4118
RESONANT FREQUENCY	4096 Hz		4000 Hz	
OPERATING VOLTAGE	20 V <sub>p-p</sub> MAX.		25 V <sub>p-p</sub> MAX.	
RATED VOLTAGE	5 V <sub>p-p</sub> SQUAREWAVE		9 V <sub>p-p</sub> SQUAREWAVE	
CAPACITANCE	14000 ± 30% pF		9500 ± 30% pF @ 120 Hz	12000 ± 30% pF @ 120 Hz
DRIVE CIRCUIT	EXTERNAL		EXTERNAL	
SOUND PRESSURE *	75 dB MIN. @ 10 cm		80 dBA MIN. @ 10 cm @ 4000 Hz	
CURRENT CONSUMPTION *	2 mA MAX.		1.5 mA MAX.	
TONE	DEPENDENT ON DRIVE CIRCUIT USED		DEPENDENT ON DRIVE CIRCUIT USED	
CONNECTION STYLE	PCB MOUNT (PINS)		PCB MOUNT (PINS)	
OPERATING TEMPERATURE	-20° to +70° C		-20° to +60° C	

\* VALUES AT RATED VOLTAGE

MPD-4106 : DIP SOLDERABLE  
MPD-4108 : DIP SOLDERABLE AND WASHABLE



MPF-4117  
MPF-4118  
PBT HOUSING MATERIAL



ALL DIMENSIONS IN mm

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTIFICATION / MODELS SHOWN SUBJECT TO LIMITED WARRANTY

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