

# MONACO COMPONENTS, INC.

## BUILT-IN DRIVE STYLE ELECTRO-MAGNETIC

**8000  
series**

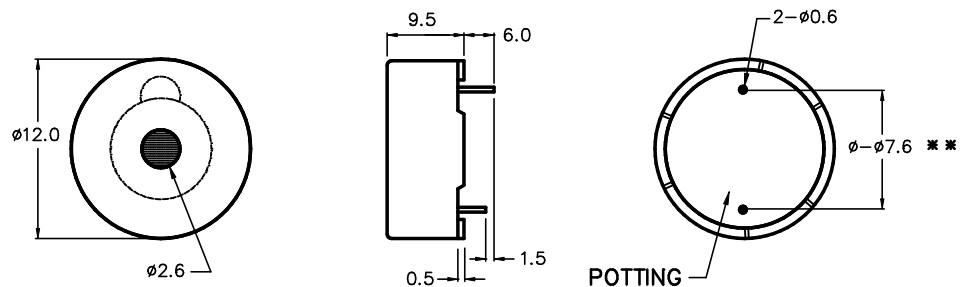
- Sealed design for soldering and washing.
- Compact size, rich sound output.
- Wide range of operating voltages.

| MODEL                 | MMF-8101               | MMF-8103               | MMF-8100            | MMF-8109 | MMF-8102 |
|-----------------------|------------------------|------------------------|---------------------|----------|----------|
| FREQUENCY *           | 2300 Hz<br>± 400 Hz    | 2300 Hz ± 300 Hz       |                     |          |          |
| DRIVING CIRCUIT       | BUILT IN               |                        |                     |          |          |
| OPERATING VOLTAGE     | 1.25 - 2 V             | 2.5 - 4 V              | 4 - 7 V             | 7 - 11 V | 8 - 15 V |
| RATED VOLTAGE         | 1.5 V                  | 3 V                    | 5 V                 | 9 V      | 12 V     |
| SOUND PRESSURE *      | 75 dBA MIN.<br>@ 10 cm | 80 dBA MIN.<br>@ 10 cm | 85 dBA MIN. @ 10 cm |          |          |
| CURRENT CONSUMPTION * | 30 mA MAX.             |                        |                     |          |          |
| tone                  | CONTINUOUS             |                        |                     |          |          |
| CONNECTION STYLE      | PCB MOUNT (PINS) **    |                        |                     |          |          |
| OPERATING TEMPERATURE | -10° to +50° C         | -40° to +85° C         |                     |          |          |

\* VALUES AT RATED VOLTAGE

\*\* 6.5 mm PIN PITCH AVAILABLE UPON REQUEST

MMF-8101  
MMF-8103  
MMF-8100  
MMF-8109  
MMF-8102



NORYL SEI-GFN2 HOUSING MATERIAL  
SEALED - SOLDERABLE AND WASHABLE

ALL DIMENSIONS IN mm

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

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