

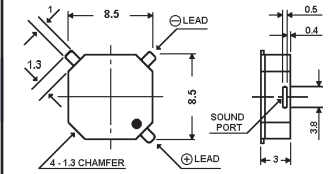
# Electro Acoustic Transducers

## Surface Mount Electro-Acoustic Transducers

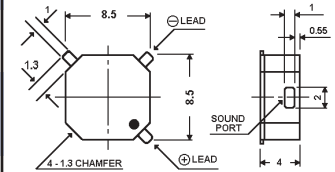
| Part Number     | Rated Voltage (VDC) | Operating Voltage (VDC) | Max. Current (mA)* | Coil Resistance (Ohms) | SPL Output (dB) @10CM (Min.)* | Resonant Frequency (Hz)* | Operating Temperature |
|-----------------|---------------------|-------------------------|--------------------|------------------------|-------------------------------|--------------------------|-----------------------|
| BST0803SM-03    | 3.6                 | 2.5 - 4.5               | 100                | 16 ± 3                 | 85dB min (typ 91)             | 2730Hz                   | -30° to +70°C         |
| BST0803SM-05    | 5                   | 4 - 6                   | 90                 | 32 ± 3                 | 85dB min (typ 91)             | 2730Hz                   | -30° to +70°C         |
| BST0803SM-03-4T | 3.6                 | 2.5 - 4.5               | 100                | 16 ± 3                 | 85dB min (typ 91)             | 2730Hz                   | -30° to +70°C         |
| BST0803SM-05-4T | 5                   | 4 - 6                   | 90                 | 32 ± 3                 | 85dB min (typ 91)             | 2730Hz                   | -30° to +70°C         |
| BST0804SM-03    | 3.6                 | 2.5 - 4.5               | 100                | 16 ± 3                 | 87dB min (typ 92)             | 2730Hz                   | -30° to +70°C         |
| BST0804SM-05    | 5                   | 4 - 6                   | 90                 | 32 ± 3                 | 87dB min (typ 92)             | 2730Hz                   | -30° to +70°C         |
| BST0804SM-03-4T | 3.6                 | 2.5 - 4.5               | 100                | 16 ± 3                 | 87dB min (typ 92)             | 2730Hz                   | -30° to +70°C         |
| BST0804SM-05-4T | 5                   | 4 - 6                   | 90                 | 32 ± 3                 | 87dB min (typ 92)             | 2730Hz                   | -30° to +70°C         |
| BRT0903SM-01-GW | 1.5                 | 1.2 - 1.7               | 90                 | 6 ± 1                  | 85dB min (typ 90)             | 2731Hz                   | -20° to +60°C         |
| BRT0903SM-03-GW | 3.6                 | 2.5 - 4.5               | 90                 | 16 ± 3                 | 87dB min (typ 95)             | 2731Hz                   | -20° to +60°C         |
| BRT0903SM-05-GW | 5                   | 4 - 6                   | 70                 | 32 ± 5                 | 87dB min (typ 95)             | 2731Hz                   | -20° to +60°C         |
| BRT0904SM-01-GW | 1.5                 | 1.2 - 1.7               | 90                 | 6 ± 1                  | 85dB min (typ 90)             | 2731Hz                   | -20° to +60°C         |
| BRT0904SM-03-GW | 3.6                 | 2.5 - 4.5               | 100                | 16 ± 3                 | 87dB min (typ 95)             | 2731Hz                   | -20° to +60°C         |
| BRT0904SM-05-GW | 5                   | 4 - 6                   | 70                 | 32 ± 5                 | 87dB min (typ 95)             | 2731Hz                   | -20° to +60°C         |
| BST0904SM-03-4T | 3.6                 | 2.5 - 4.5               | 100                | 16 ± 3                 | 85dB min (typ 95)             | 2670Hz                   | -30° to +70°C         |
| BST0905SM-03    | 3.6                 | 2.5 - 4.5               | 100                | 16 ± 3                 | 85dB min (typ 95)             | 2670Hz                   | -30° to +70°C         |
| BST1003SM-03A   | 3.6                 | 2 - 4.5                 | 90                 | 16 ± 3                 | 85dB min (typ 91)             | 2700Hz                   | -20° to +60°C         |
| BST1003SM-03B   | 3.6                 | 2 - 4.5                 | 90                 | 16 ± 3                 | 85dB min (typ 91)             | 3000Hz                   | -20° to +60°C         |
| BST1206SM-01-GW | 1.5                 | 1 - 2                   | 30                 | 15 ± 7.5               | 70dB min                      | 2048Hz                   | -40° to +70°C         |
| BST1307SM-01    | 1.5                 | 1 - 2                   | 40                 | 15 ± 3                 | 85dB min                      | 2400Hz                   | -20° to +70°C         |
| BST1307SM-05    | 5                   | 4 - 7                   | 40                 | 45 ± 5                 | 85dB min                      | 2400Hz                   | -20° to +70°C         |
| BST1307SM-12    | 12                  | 8 - 16                  | 40                 | 140 ± 14               | 85dB min                      | 2400Hz                   | -20° to +70°C         |
| BST1310SM-01    | 1.5                 | 1 - 2                   | 40                 | 15 ± 3                 | 85dB min                      | 2400Hz                   | -20° to +70°C         |
| BST1310SM-05    | 5                   | 4 - 7                   | 40                 | 45 ± 5                 | 85dB min                      | 2400Hz                   | -20° to +70°C         |
| BST1310SM-12    | 12                  | 8 - 16                  | 40                 | 140 ± 14               | 85dB min                      | 2400Hz                   | -20° to +70°C         |
| BST1310SM-01-C  | 1.5                 | 1.4 - 3                 | 20                 | not applicable         | 75dB min                      | 2400 ± 400Hz             | -20° to +70°C         |
| BST1310SM-05-C  | 5                   | 3 - 7                   | 30                 | w/built-in circuit     | 90dB min                      | 2400 ± 300Hz             | -20° to +70°C         |
| BST1310SM-12-C  | 12                  | 8 - 16                  | 30                 |                        | 90dB min                      | 2400 ± 300Hz             | -20° to +70°C         |
| BST1403SM-01    | 1.5                 | 1.2 - 1.7               | 80                 | 9 ± 2                  | 85dB min (typ 92)             | 3200Hz                   | -20° to +70°C         |
| BST1403SM-03    | 3                   | 3 - 4.5                 | 90                 | 18 ± 2                 | 85dB min (typ 92)             | 3200Hz                   | -20° to +70°C         |
| BST1403SM-05    | 5                   | 4 - 6                   | 70                 | 43 ± 3                 | 85dB min (typ 92)             | 3200Hz                   | -20° to +70°C         |

\*Value Applying Resonant Frequency (1/2 Duty, Square Wave)

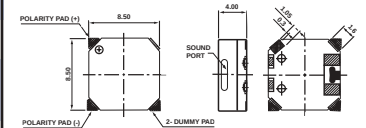
### BST0803SM Series



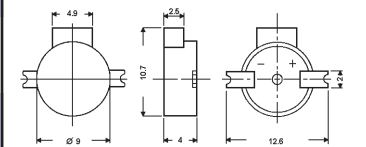
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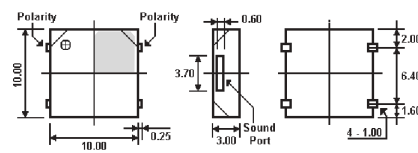
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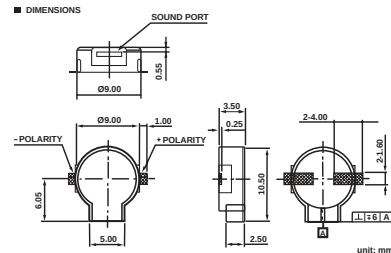
### BST0904SM-GW Series



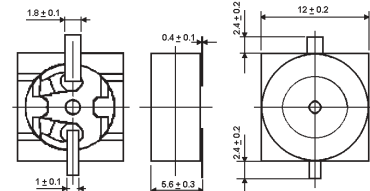
### BST1003SM Series



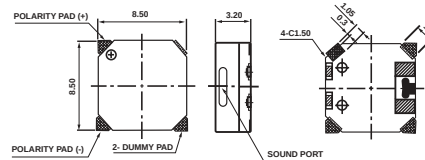
### BRT0903SM-GW Series



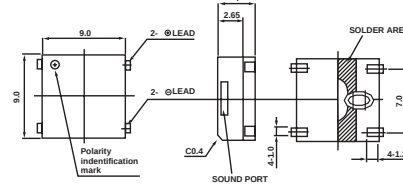
### BST1206SM Series



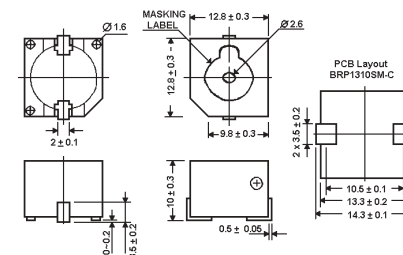
### BST0803SM-4T Series



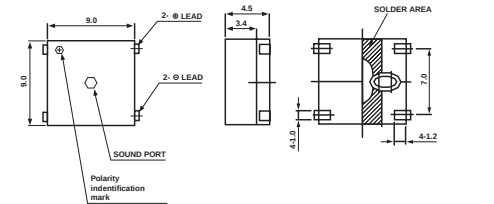
### BST0904SM-03-4T Series



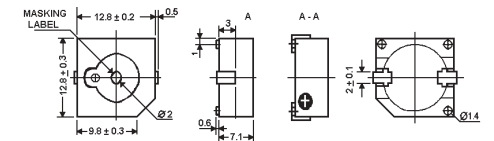
### BST1310SM/BST1310SM-C Series



### BST0905SM-03 Series



### BST1307SM Series



### BST1403SM Series

