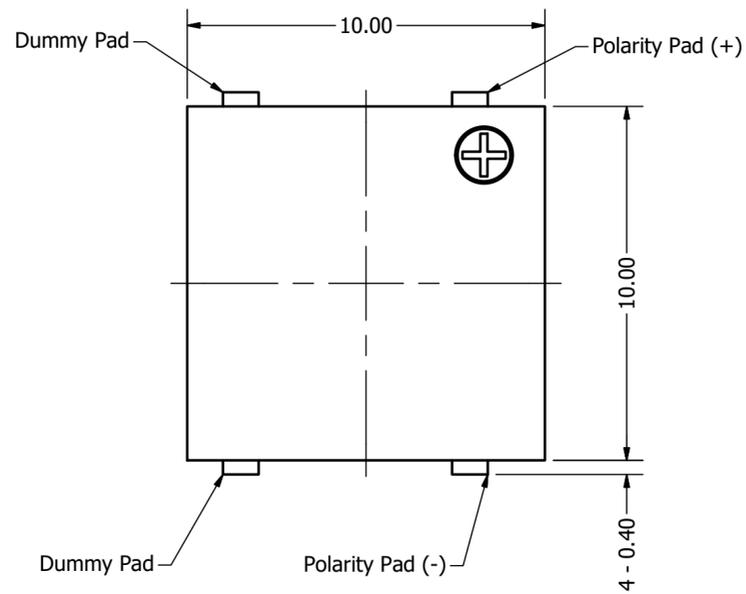
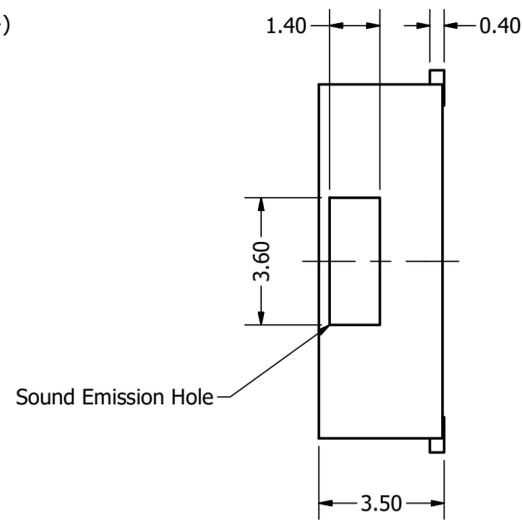


|  |                                      |           |
|--|--------------------------------------|-----------|
| Part Number:   | <b>TE102803-1</b>                    |           |
| DESCRIPTION:   | <b>Electro-Mechanical Transducer</b> |           |
| DRAWN  | CJ                                   | 1/20/2017 |
| CHECKED  | P.D                                  | 1/20/2017 |
| APPROVED   | J.S                                  | 1/20/2017 |
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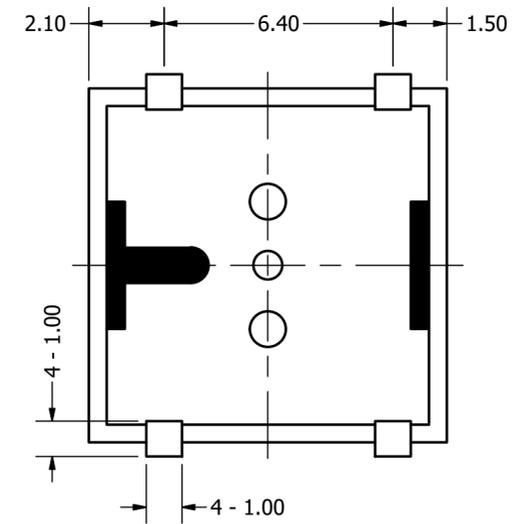
Top View



Side View



Bottom View



| Items                 | Specifications | Conditions  | REVISION HISTORY                                      |                                    |           |          |
|-----------------------|----------------|-------------|---|------------------------------------|-----------|----------|
| Sound Pressure Level  | 93             | dB (@ 10cm) | REV   | DESCRIPTION                        | DATE      | APPROVED |
| Resonant Frequency    | 2,830          | Hz          | 1   | Released from Engineering          | 8/27/2014 | J.S.     |
| Rated Voltage         | 3.6            | V           | 2   | Updated to new template            | 1/20/2017 | J.S.     |
| Voltage Range         | 3 ~ 4.5        | V           |   | Corrected voltage range and weight | 5/18/2017 | C.E.     |
| Coil Resistance       | 18 ± 5         | Ω           | NOTES   |                                    |           |          |
| Max. Rated Current    | 100            | mA          | 1) All dimensions are in mm unless otherwise noted    |                                    |           |          |
| Storage Temperature   | -40 ~ +85      | °C          | 2) All tolerances are ± 0.2 mm unless otherwise noted |                                    |           |          |
| Operating Temperature | -20 ~ +70      | °C          | 3) All parts meet RoHS                                |                                    |           |          |
| Connection Method     | Surface Pads   |             | 4) Subject to change or redrawn without notice        |                                    |           |          |
| Mount Type            | Surface Mount  |             |   |                                    |           |          |
| Housing Material      | LCP            |             |   |                                    |           |          |
| Weight                | 0.8            | g           |   |                                    |           |          |