

453-080

**120mm Twin Cone Loudspeaker**

- ▶ Secondary High frequency cone fitted
- ▶ Roll Edge closed foam cone surround
- ▶ High efficiency
- ▶ Black powder coated chassis

**Technical Specification:**

|                            |            |           |
|----------------------------|------------|-----------|
| Magnet Ø                   | 70         | mm        |
| Nominal Impedance          | 8          | Ohms      |
| Output S.P.L 1W @ 1m       | 91 ± 3     | dB        |
| Frequency Response         | 78 - 16000 | Hz        |
| Rated Power Input          | 15         | Watts rms |
| Voice coil Ø               | 25         | mm        |
| Mounting depth (from rear) | 48         | mm        |
| Speaker weight             | 440        | g         |

After the following tests the speaker operates normally

Load test: 15 Watts of White noise for 24 Hrs

Heat test: 50 ± 2°C for 16 Hrs

Humidity test: 40 ± 2°C for 96 Hrs @ 90% R.H.

**59-P12.00-01F**
**Theile Small Parameters:**

|                           |       |           |
|---------------------------|-------|-----------|
| <i>F<sub>s</sub></i>      | 92    | Hz        |
| <i>R<sub>e</sub></i>      | 7.14  | Ohms      |
| <i>R<sub>es</sub></i>     | 44.08 | Ohms      |
| <i>Q<sub>ms</sub></i>     | 5.15  |           |
| <i>Q<sub>es</sub></i>     | 0.83  |           |
| <i>V<sub>as</sub>(Sd)</i> | 8.1   | Litres    |
| <i>M<sub>ms</sub></i>     | 1.8   | grams     |
| <i>C<sub>ms</sub></i>     | 1539  | µm/Newton |
| <i>Bl</i>                 | 3.05  | Tesla-m   |

**Remarks:**

Supplied as standard with terminal types as follows:

+Ve 1 x 4.8mm x 0.8mm

-Ve 1 x 2.8mm x 0.8mm

