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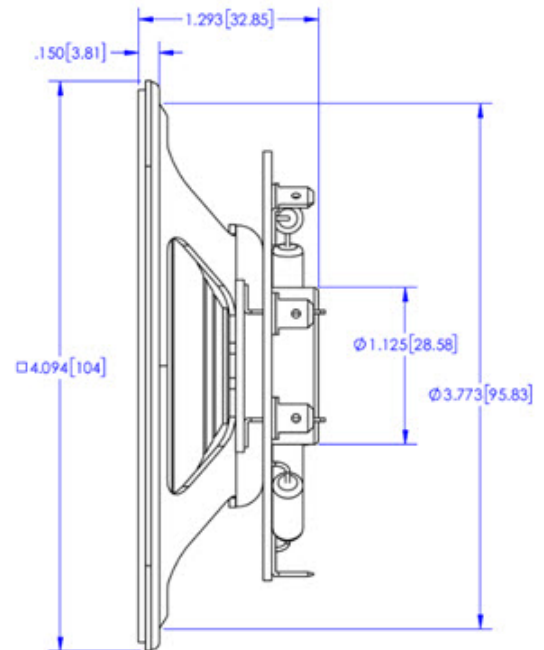
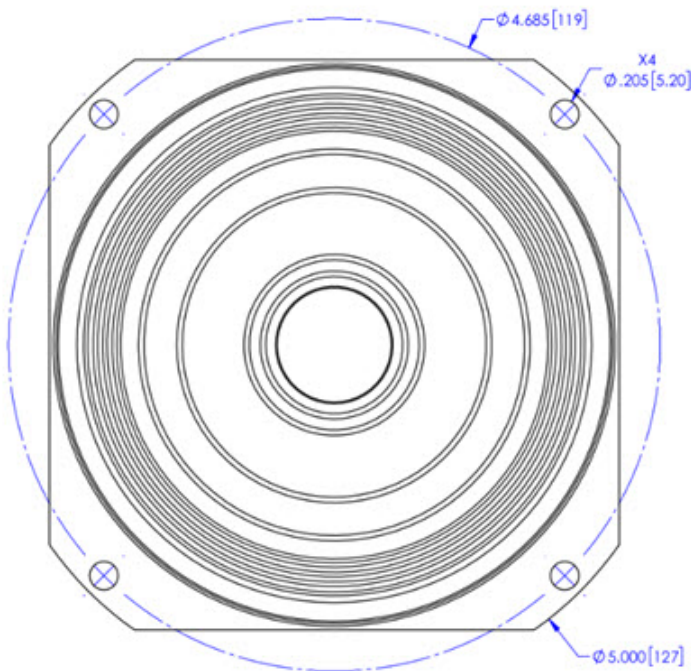
This ultra-lightweight, flame-retardant speaker is designed to be used in a 70-volt paging system in aircraft. Rather than a heavy transformer, the design utilizes a high-impedance voice coil along with resistors to allow multiple power taps. It's an ideal solution for high-intelligibility communications and in applications where weight and space must be minimized.

- Flame-retardant to pass DO-160 testing.
- 4, 2, 1, and ½ Watt taps for 70.7V system
- Maximum Energy (ME) neodymium magnet
- Flame-retardant (FR) cone
- Aluminum VC form
- 8 Watts, Program Power



### Primary Specifications

<b>Size, Nominal (inch &amp; mm)</b>	4" (100 mm)
<b>Rated Impedance (Ω)</b>	1075
<b>Sensitivity (dB SPL) <sup>1</sup></b>	90
<b>Frequency Range (Hz)</b>	200 - 6, 000
<b>Resonant Frequency (Fs) (Hz)</b>	250



### More Specifications

<b>Application</b>	Aerospace, Voice Communications
<b>RoHS Compliant</b>	No
<b>DC Resistance (Re) (<math>\Omega</math>)</b>	1075
<b>Program Power (W)</b>	8

### Small Signal Parameters

<b>Nominal Impedance (Z) (<math>\Omega</math>)</b>	1000
<b>DC Resistance (Re) (<math>\Omega</math>)</b>	1075
<b>Voice Coil Inductance (Le) (mH)</b>	0
<b>Resonant Frequency (Fs) (Hz)</b>	250
<b>Total Q Factor (Qts)</b>	0.83

### Material Descriptions

<b>Basket Type</b>	Stamped Aluminum, powder coat black
<b>Terminal Size (mm)</b>	2.8 mm x 0.5 mm
<b>Voice Coil Diameter (mm)</b>	20.3
<b>Voice Coil Wire Material</b>	Copper
<b>Voice Coil Former Material</b>	Aluminium
<b>Magnet Material</b>	Neodymium
<b>Magnet Weight (gm)</b>	12
<b>Cone Body Material</b>	Flame Retardant Paper
<b>Cone Surround Material</b>	Flame Retardant Paper
<b>Spider Material</b>	Flame Retardant cloth
<b>Dust Cap Material</b>	Flame Retardant Paper

