**Model:** P1S4-15  
**Type:** SVC Subwoofer  
**Power Rating:** 250 Watts (RMS)  
**Impedance:** 4 ohms

**Features**
- High modulus Kevlar™ re-inforced paper-pulp cone.
- Tear & fatigue resistant poly-cotton spider.
- High Density NBR (Nitrile Butadine Rubber) surround.
- High temp 2" voice coil with spun-laced Nomex™ insulating re-inforcement collar
- Optimized motor magnetics with extended pole and bumped vented backplate.
- Fatigue resistant and reduced strain "stitched on" flexible lead wire design.
- Proprietary spider venting/cooling technique
- Multi-point high-temp/high-strength neck joint bonding technique.
- Sturdy 16 guage compound bend frame geometry
- Heavy gauge proprietary stamped steel frame
- Semi-flexible, PVC removable protective motor cover.
- Proprietary all metal, radially oriented compression input terminal assembly.
- Flex-fit™ Mounting pattern
- Soft-touch painted trim ring allows for optional integrated grill

**Recommended Applications**

<table>
<thead>
<tr>
<th>Enclosure</th>
<th>Volume (Vb)</th>
<th>Tuning (Fb)</th>
<th>System (Qtc)</th>
<th>Port Dia.</th>
<th>Port Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sealed</td>
<td>44.7 L</td>
<td>42.1 Hz</td>
<td>42.4 Hz</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Ported</td>
<td>75.3 L</td>
<td>2.66 Hz</td>
<td>34.4 Hz</td>
<td>4.0 in</td>
<td>101.6 cm</td>
</tr>
</tbody>
</table>

**Thiele-Small Specifications**
- Fs (Hz): 23.0
- Re (Ohms): 3.60
- Le (mH): 3.1
- Qts: 0.52
- Qes: 0.62
- Qms: 3.20
- Cms (mm/N): 0.18
- Vas (L): 191.5
- Mms (g): 272.4
- Mmd (g): 257.5
- Rms (kg/s): 12.3
- Airload (g): 14.9
- No (%): 0.34
- SPL (dB - 1W/1M): 87.5
- BL (T*M): 15.1
- *Xmax*: 9.4
- Sd (cm²): 876
- EBP: 37
- Krm (mOhms): 0.59
- Erm: 1.24
- Exm: 0.79
- Rem (Ohms): 30.24

**Technical Specifications**
- Voice Coil Diameter: 2.0 inches | mm
- Voice Coil Height: 1.10 inches | mm
- Voice Coil Layers: 4 layers
- Magnetic Gap Height: 0.39 inches | mm
- Linear Excursion, (Xmax): 0.35 inches | mm
- Maximum Excursion (mech), pk-pk: 2.13 inches | mm
- Magnet Weight: 60 oz. | kg
- Woofer Displacement: 5.4 liters | cubic ft.
- Net Weight: 13.6 lbs. | kg
- Power Rating: 250 RMS | Peak

*All parameters are derived using a laser velocity measurement method and verified with actual measured Mmd and Re. All dual voice coil models are wired in series. *Xmax* represents actual effective excursion at <10% THD.*

Above specifications and dimensions comply with the CEA-2031 standard.

Specifications subject to change without notice.