

**Körperschalllautsprecher EXT-1907H16 Art. Nr. 105020**
**Specification:**

NO.	ITEM	SPECIFICATIONS
1	<b>MECHANICAL LAYOUT&amp;DIMENSIONS</b>	<b>SHOWN IN THE EXCITER-02.DRW</b>
2	<b>NOMINAL IMPEDANCE</b>	<b>8Ω ± 15% AT 1KHz, 1.0V(D.C.R=7.2Ω ± 10%)</b>
3	<b>INPUT POWER</b>	<b>NOM. INPUT 3W</b>
		<b>MAX. INPUT 5W</b>
4	<b>OPERATION</b>	<b>3.4Volt(200Hz-20KHz)SWEEP TIME AT 2s</b>
5	<b>RESONANT FERQ. F0</b>	<b>450±20%Hz (F0 Meter)</b>
6	<b>FLUX DENSITY</b>	<b>9000GAUSS ± 10%</b>
7	<b>INSULATION RESISTANCE</b>	<b>NO LESS THAN 1M AT DC 100V</b>
8	<b>POLARITY</b>	<b>WHEN POSITIVE VOLTAGE IS APPLIED TO THE (+) TERMINAL, VOICE COIL SHOULD MOVE OUT TO OF THE AIR GAP.</b>
9	<b>WEIGHT</b>	<b>28.6G ± 10% (Exciter Weight)</b>
10	<b>POWER TEST</b>	<b>IEC 268-5 4.8V 48 Hours</b>
11	<b>HEAT RESISTANCE</b>	<b>Temperature: +60°C ± 2°C</b>
		<b>Duration: Testing 16 Hours and then Holding 2 Hours in room temperature(GB)</b>
12	<b>HUMIDITY RESISTANCE</b>	<b>Temperature: +40°C ± 2°C</b>
		<b>Relative Humidity: 93(+2/-3)% Duration: 48 Hours(GB)</b>
13	<b>LOW RESISTANCE</b>	<b>Temperature: -10°C ± 3°C testing 1 Hours(GB) And then -20°C ± 3°C testing 2 Hours(GB)</b>
14	<b>DROPPING TEST</b>	<b>600±25mm 60°±5° (GB)</b>

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**Sample Testing Report:**

NO	ITEM	TESTING CONDITIONS	No1	No2	No3	No4	Result
1	Speaker Size	Out Diameter : $\Phi$ 46.8 $\pm$ 0.3mm	46.8	46.8	/	/	OK
2	Impedance	8 $\Omega$ $\pm$ 15 % At 1KHZ,1.0V (D.C.R: 7.2 $\Omega$ $\pm$ 10%)	7.2	7.2	/	/	OK
3	Resonance Frequency	300Hz $\pm$ 20% (F0 Meter)	300	300	/	/	OK
4	Buzz & Rattle Test	Must Be Normal: Wave4.47V (Form 268Hz To 20KHz )	√	√	/	/	OK
5	Polarity	When a positive D.C voltage is applied To the voice coil terminal marked to Diaphragm should move to the front	√	√	/	/	OK
6	Flux Density	12000GAUSS $\pm$ 10%	12000	12100	/	/	OK
7	Power Test	IEC 268-5 6.32V 48 Hours	√	√	/	/	OK
8	Heat Resistance	Temperature: +60°C $\pm$ 2°C Duration: 24 Hours	√	√	/	/	OK
9.	Humidity Resistance	Temperature: +40°C $\pm$ 2°C Relative Humidity: 93(+2/-3)% Duration: 48 Hours(GB)	√	√	/	/	OK
10	Low Temperature	Temperature: -10°C $\pm$ 3°C testing 1 Hours And then -20°C $\pm$ 3°C testing 2 Hours(GB)	√	√	/	/	OK
11	Dropping Test	600mm $\pm$ 25mm 60° $\pm$ 5° (GB)	√	√	/	/	OK

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**Dimension:**

