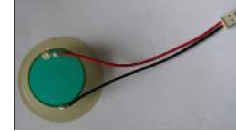


**1. General**

Operating temperature:	-20°C to +80°C	Component weight [g]:	4
Storage temperature:	-30°C to +90°C		
Contact:	WIRE	Housing color:	n.a.
Packageing:	tray	IP rating:	
ESD conform	<input type="checkbox"/>	RoHs conform:	yes
Remark:	piezo disc with plastic membran and wire with Molex connector		

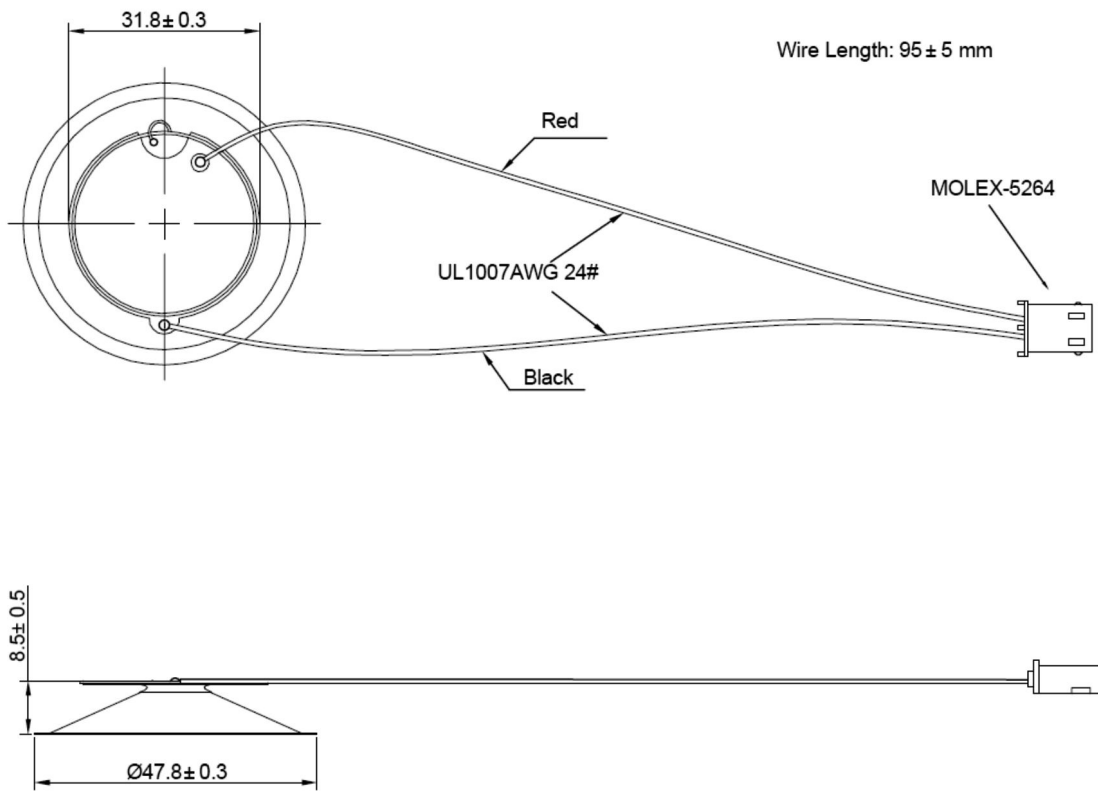


**2. Electrical and acoustical specification**

Impedance [Ω]	<i>at resonance frequency 3200 Hz</i>	≤ 300
Resonance frequency [Hz]		3200 ± 300
Capacity [nF]		150 ± 30% at 120 Hz
Operating voltage [V]		3 - 30
SPL [dBA]:		n.a.
Tone constant-pulse:	<i>n.a.</i>	
Polarity:	<i>red / black wire</i>	
Remark:		
frequency curve:		

<b>GREWUS</b>		dimensions without tolerance:	± 0.3	scale:
Designed by:	Ralf Hinnerichs	12.06.2008	part number:	index:
Released by:	Ralf Hinnerichs	12.06.2008	<b>PE4830WA</b>	<b>A</b>
drawing number: <b>396114153</b>			<b>Buzzer</b>	Date: 12.06.2008
				Page 1 of 3

3. Component drawing



<b>GREWUS</b>		dimensions without tolerance: $\pm 0.3$	scale:	
Designed by: Ralf Hinnerichs	12.06.2008	part number: <b>PE4830WA</b>	index:	Date:
Released by: Ralf Hinnerichs	12.06.2008		<b>A</b>	12.06.2008
drawing number: <b>396114153</b>		<b>Buzzer</b>	Page 2 of 3	