

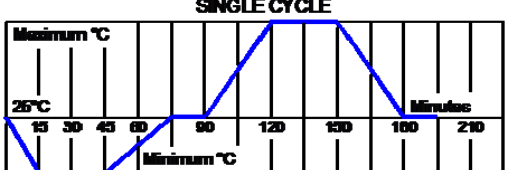




# PRODUCT INFORMATION

<b>Abbreviated Part #:</b>		<b>CEMB335-408</b>				<b>Revision: 2-2012</b>		
<b>PART #:</b>		<b>CEMB335Y155-408C400W120R</b>						
		<h2>Mechanical Buzzer</h2>						
<b>DESCRIPTION</b>		<b>FEATURES</b>						
Challenge Electronics Mechanical Buzzer, 33.5 mm Long, 17.0 mm Wide, Y Type Housing, 15.5 mm High, 4 to 8 Vdc Operating Voltage, Continuous Tone, Medium Loud, 400 Hz. sound frequency, Wire Leads 26 AWG 120 mm Long color coded Termination, RoHS Lead Free Compliance		<ul style="list-style-type: none"> <li>• RoHS, Lead Free Compliant</li> <li>• ISO 9001 Certified</li> </ul>						
<b>SPECIFICATIONS</b>								
<b>Sound Type</b>	Continuous				Rate			
<b>Operating Voltage</b>	4 - 8 Vdc	<b>Rated Voltage</b>	6 Vdc	<b>Maximum Current at Rated Voltage</b>		25 mA		
<b>Sound Pressure Level</b>	75 dB(A), at rated Voltage and 20 cm			<b>Resonant Frequency</b>		400 ± 100 Hz.		
<b>Operating Temperature</b>	-30°C to + 70°C			<b>Storage Temperature</b>		-40°C to + 85°C		
<b>Termination</b>	Wire leads, 26 AWG, UL 1095, 4.72" (120mm) Long, Striped 0.196" (5.0mm), Color Coded: Red = Positive, Black Stripe = Negative							
<b>Material</b>	ABS, Plastic					<b>Color</b>	Black	
<b>Dimensions</b>	<b>Long (L)</b>	33.5 mm	<b>Wide (W)</b>	17.0 mm	<b>Height (H)</b>	15.5 mm	<b>Mounting Holes distance</b>	27.5 mm
<b>Approximate Weight</b>	10 grams	<b>Mounting</b>	Flange Panel with 2 screws		<b>Compliance</b>	RoHS Lead Free		
<b>Packaging</b>	30 parts per Foam, 300 parts Stack, 900 parts per Carton							
<b>RELIABILITY</b>								
<b>Thermal Operating Temperature Test</b>	240 hours continuous operation at Rated Power, at Maximum Rated Operating Temperature *							
	240 hours continuous operation at Rated Power, at Minimum Rated Operating Temperature *							
<b>Thermal Storage Temperature Test</b>	240 hours storage at Maximum Rated Storage Temperatures *							
	240 hours storage at Minimum Rated Storage Temperatures *							
<b>Thermal Shock Test</b>	(5) cycles of Minimum and Maximum Operating Temperature Each cycle shall be set per diagram below and is three (3) hours long *							
<b>Humidity Test</b>	240 Hours at +40°C±2°C. 90-95% RH *							
<b>Operation Life Test</b>	Must perform normal with program White Noise source at Rated Power for 100 Hours per (EIA)							
<b>Vibration Test</b>	After parts are subjected to 2 Hours of at 1.5 mm with 10 to 55 Hz. vibration frequency to each of 3 perpendicular directions *							
<b>Termination Strength</b>	Maximum of 9.8 N (1.0 Kg) load pull test, applied to each terminal in axial direction for 10 seconds							
<b>Drop Test</b>	After parts are subjected to dropped naturally from 1 meter height onto the surface of 40 mm wooden board, 3 axes (X,Y,Z) directions, 3 times (9 times total) *							
<b>Reliability Test Performance *</b>	Parts should conform to original performance within ±5 dB tested with Rated Power, after 3 hours of recovery period							
<b>Warranty</b>	For a period of one (1) year from date of shipping under normal operations conditions							
<b>PERFORMANCE CURVE:</b>				<b>DIMENSIONS:</b> Units in: mm Tolerance: ±0.5mm				
