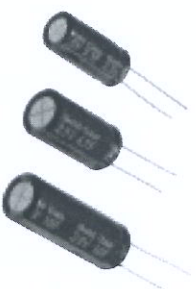


Radial lead Type

Series: **HZ**



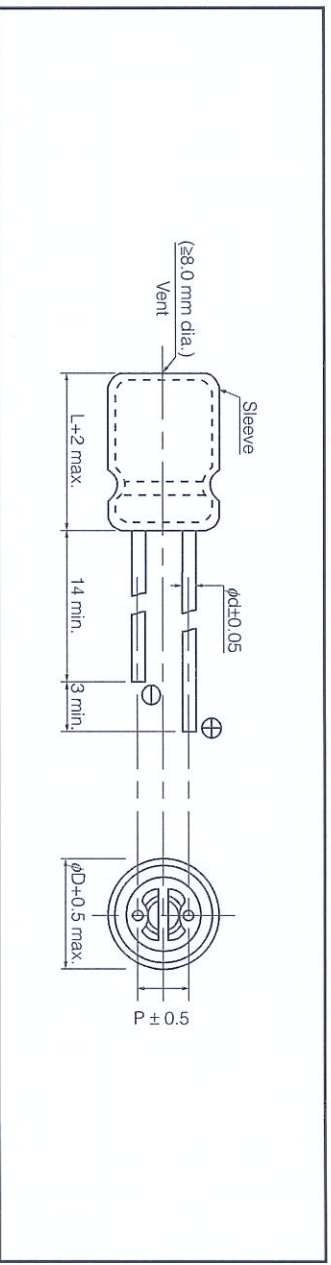
- **Features**
 - Miniaturized, High withstand voltage
 - Can be discharge mA or more current
 - RoHS directive compliant

- **Recommended Applications**
 - Solar battery operated circuits
 - Back-up Power Supplies (UPS)

■ Specifications

Category Temp. Range	-25 °C to +60 °C		
Maximum Operating Voltage	2.5 V.DC		
Nominal Cap. Range	3.3 F	4.7 F	10 F
Capacitance Tolerance	-20 % to +40 %		
Stability at low and high temperature	Capacitance change	Lower category temp. (-25°C)	Upper category temp. (+60 °C)
	Internal resistance	±30 % of initial measured value at 20 °C	±30 % of initial measured value at 20°C
Endurance	Internal resistance	≤4 times of initial specified value.	
	After 1000 hours application of 2.5 V at +60 °C	Capacitance change	
Shelf Life	Internal resistance	±30 % of initial measured value at 20 °C	
	Capacitance change	±30 % of initial measured value at 20 °C	
Internal resistance	≤4 times of initial specified value.		

■ Dimensions in mm (not to scale)



■ Standard Products

Category temp. range (°C)	Max. Operating Voltage (V.DC)	Capacitance (F)	Internal resistance (Ω) at 1 kHz	Size (mm)				Part number	Mass (g)	Min. Packaging Qty (pcs)
				φD	L	φd	P			
-25 to +60	2.5	3.3	≤0.3	8.0	20	0.6	3.5	EECHZ0E335	1.5	200
		4.7	≤0.3	10	20	0.6	5.0	EECHZ0E475	2.1	200
		10	≤0.2	10	30	0.6	5.0	EECHZ0E106	3.1	200

Note : 1. Do not use reflow soldering. (IR, Atmosphere heating methods, etc.)
Please refer to P197 "Mounting Specifications".

Design and specifications are each subject to change without notice. Ask factory for the current technical specifications before purchase and/or use.
Should a safety concern arise regarding this product, please be sure to contact us immediately.