



ARITEC ELECTRONICS CO., LTD.

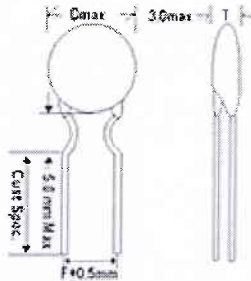
安利電子有限公司

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Sample Data Sheet of Ceramic Disc Capacitor (Class II)

Customer Code:	AEC Code: H103MZES155QF-CL
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Figure:



Dimension (D)	: 15.5	m/m max.
Thickness (T)	: 5.0	m/m max.
Lead Length (H)	: 4.5 ± 0.5	m/m
Insulation (I)	: -	m/m
Lead Space (F)	: 10.0 ± 0.5	m/m
Lead Wire (d)	: 0.5 ± 0.05	m/m

Item/Symbol		Specifications
Instrument: HP4278A Test Frequency: 1KHz Test Voltage: 1Vrms Test Temperature: 25°C	Capacitance Range	8.0 – 12.0 nF
	Power Factor (D)	<2.5% (0.025) for YA, YB, ZE < 5% (0.05) for ZF
Temp. Characteristics		YA ☐ YB ☐ ZE ☒ ZF ☐
Rated Voltage		50V ☐ 500V ☐ 1KV ☐ 2KV ☒
Tolerance		$\pm 5\%$ ☐ $\pm 10\%$ ☐ $\pm 20\%$ ☒ $+80\%, -20\%$ ☐
Marking		103M 2KV
Insulation Resistance		10,000 MΩ minimum
Strength of Terminal		1.5 kgs minimum
Solder Heat		Temp. 270°C $\pm 5^\circ\text{C}$ Dipping Time: 3 ± 0.5 Sec.
Solderability		Temp. 235°C $\pm 5^\circ\text{C}$ Dipping Time: 2 ± 0.5 Sec.

Temp. Characteristics	Temp. Range	Max. Capacitance Change	
		JIS	EIA
YA = Y5E	-25°C to +85°C	A: $\pm 5\%$	E: $\pm 4.7\%$
YB = Y5P, 2B ₄	-25°C to +85°C	B: $\pm 10\%$	P: $\pm 10\%$
ZE = Z5U, 2E ₄	-25°C to +85°C	E: +20%, -55%	U: +22%, -56%
ZF = Z5V, 2F ₄	-25°C to +85°C	F: +30%, -80%	V: +22%, -82%

Capacitance
Temperature
Characteristics

