



ARITEC ELECTRONICS CO., LTD.

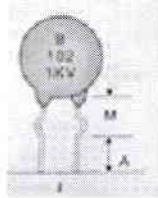
安利電子有限公司

No.22 Chalongkrung31 Lamplatiew Ladkrabang Bangkok 10520

Sample Data Sheet of Ceramic Disc Capacitor (Class II)

Customer Code:	AEC Code: H103MZES155IF
----------------	-------------------------

Figure:



Dimension (D)	: 15.5	m/m max.
Thickness (T)	: 5.0	m/m max.
Lead Length (H)	: 23.0	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	±5% ☐ ±10% ☐ ±20% ☒ +80%, -20% ☐
Marking	103M 2KV
Insulation Resistance	10,000 MΩ minimum
Strength of Terminal	1.5 kgs minimum
Solder Heat	Temp. 270°C ± 5°C Dipping Time: 3 ± 0.5 Sec.
Solderability	Temp. 235°C ± 5°C Dipping Time: 2 ± 0.5 Sec.

Temp. Characteristics	Temp. Range	Max. Capacitance Change	
		JIS	EIA
YA = Y5E	-25°C to +85°C	A: ±5%	E: ±4.7%
YB = Y5P, 2B ₄	-25°C to +85°C	B: ±10%	P: ±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

