



ARITEC ELECTRONICS CO., LTD.

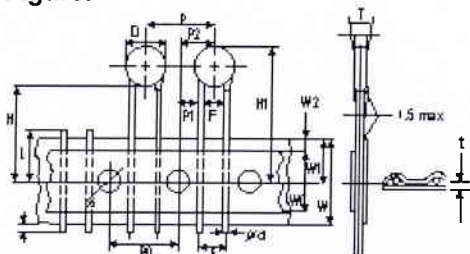
安利電子有限公司

No.22 Soi Chalongkrung31 Lamplatiew Ladkrabang , Bangkok 10520

Sample Data Sheet of Ceramic Disc Capacitor (Class II)

Customer Code:	-	AEC Code:	H102KYBA062BF
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Figure:



Dimension (D)	:	6.5	m/m	max.
Thickness (T)	:	5.0	m/m	max.
Lead Length (H)	:	18.0 ±1.0	m/m	
Insulation (I)	:	1.5	m/m	
Lead Space (F)	:	5.0 ±0.5	m/m	
Lead Wire (d)	:	0.5 ±0.05	m/m	

REMARK : F = RoHS

Item/Symbol		Specifications	
Instrument: HP4278A Test Frequency: 1KHz Test Voltage: 1Vrms Test Temperature: 25°C	Capacitance Range	0.90 – 1.10 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 ☐ KV ☐	
Tolerance		±5% ☐ ±10% ☒ ±20% ☐ +80%, -20% ☐	
Marking		102 1KV	
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

