



ARITEC ELECTRONICS CO., LTD.

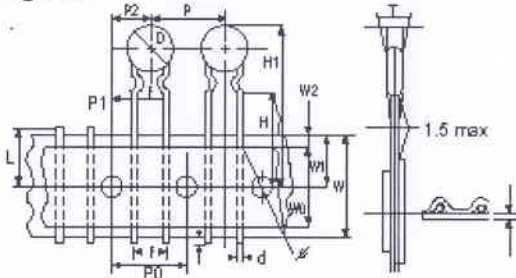
安利電子有限公司

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Sample Data Sheet of Ceramic Disc Capacitor (Class II)

Customer Code:	E / SOURCE	AEC Code:	H222KYBE052AF
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Figure:



Dimension	(D)	: 5.5	m/m max.
Thickness	(T)	: 3.5	m/m max.
Lead Length	(H)	: 16.0 ±1.0	m/m
Insulation	(I)	: -	m/m max.
Lead Space	(F)	: 5.0 ±0.5	m/m
Lead Wire	(d)	: 0.6 ±0.05	m/m max

REMARK : F = RoHS

Item/Symbol		Specifications
Instrument: HP4278A Test Frequency: 1KHz Test Voltage: 1Vrms Test Temperature: 25°C	Capacitance Range	1980.0 – 2420.0 pF
	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		222
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

