



ARITEC ELECTRONICS CO., LTD.

安利電子有限公司

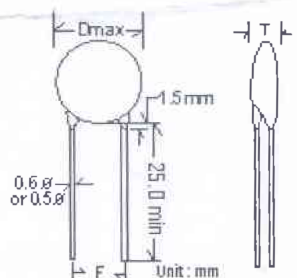
No.123/137Fifth AvenueLadkrabang.Chalongkrung.Road Lamplatiw
Ladkrabang , Bangkok 10520

Sample Data Sheet of Ceramic Disc Capacitor (Class II)

NEW SPEC

Customer Code:	AEC Code:	H102KYBS084LF
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Figure:



Dimension	(D)	: 8.5	m/m max.
Thickness	(T)	: 5.0	m/m max.
Lead Length	(H)	: 30.0	m/m max.
Insulation	(I)	: 2.0	m/m max.
Lead Space	(F)	: 7.5 ±0.5	m/m
Lead Wire	(d)	: 0.6 ±0.05	m/m

REMARK : F = RoHS

Item/Symbol	Specifications
Instrument: HP4278A Test Frequency: 1KHz Test Voltage: 1Vrms Test Temperature: 25°C	Capacitance Range 900.0 – 1100.0 pF
	Power Factor (D) <2.5% (0.025) for YA, YB, ZE < 5% (0.05) for ZF
Temp. Characteristics	YA ☐ YB ☒ ZE ☐ YE ☐ ZF ☐
Rated Voltage	50V ☐ 500V ☐ 1KV ☐ 2KV ☒ V ☐
Tolerance	±5% ☐ ±10% ☒ ±20% ☐ +80%,-20% ☐ ± % ☐
Marking	102K 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

