



ARITEC ELECTRONICS CO., LTD.

安利電子有限公司

No.22 Soi Chalongkrung31 Lamplatiew Ladkrabang Bangkok 10520

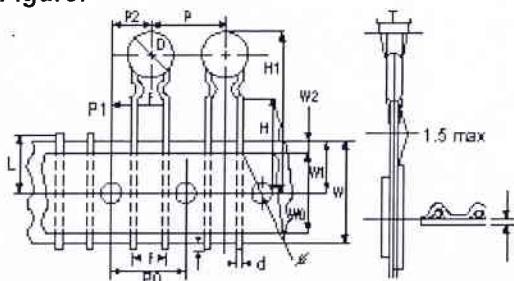
Sample Data Sheet of Ceramic Disc Capacitor (Class II)

Customer Code: -

AEC Code:

H103MYFE062AF

Figure:



Dimension	(D)	: 6.5	m/m max.
Thickness	(T)	: 3.5	m/m max.
Lead Length	(H)	: 16.0 ± 0.5	m/m
Insulation	(I)	: -	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	Capacitance Range	8.0 – 12.0 nF	
Test Frequency: 1KHz			
Test Voltage: 1Vrms	Power Factor (D)	<2.5% (0.025) for YA, YB, ZE, YE	
Test Temperature: 25°C		< 5% (0.05) for ZF, YF	
Temp. Characteristics		YA ☐ YB ☐ ZE ☐ ZF ☐ YE ☐ YF ☒	
Rated Voltage		50V ☒ 500V ☐ 1KV ☐ 2KV ☐	
Tolerance		±5% ☐ ±10% ☐ ±20% ☒ +80%,-20% ☐	
Marking		<u>103</u>	
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: $\pm 5\%$	E: $\pm 4.7\%$
YB = Y5P, 2B ₄	-25°C to +85°C	B: $\pm 10\%$	P: $\pm 10\%$
YE, ZE = Y5U, Z5U, 2E ₄	-25(Y), 10(Z) °C to +85°C	E: +20%, -55%	U: +22%, -56%
YF, ZF = Y5V, Z5V, 2F ₄	-25(Y), 10(Z) °C to +85°C	F: +30%, -80%	V: +22%, -82%

Capacitance
Temperature
Characteristics

