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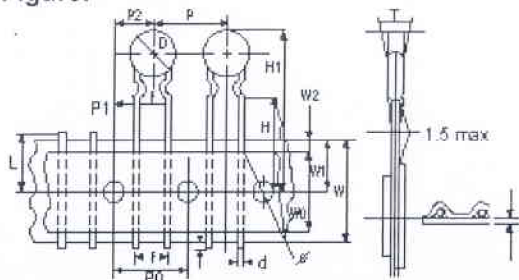
Sample Data Sheet of Ceramic Disc Capacitor (Class II)

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 max.
Lead Space	(F)	: 5.0 ±0.5	m/m
Lead Wire	(d)	: 0.5 ±0.05	m/m max

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
Test Temperature: 25°C		< 5% (0.05) for ZF
Temp. Characteristics		YF ☒ YB ☐ ZE ☐ YA ☐ ZF ☐
Rated Voltage		50V ☒ 500V ☐ 1KV ☐ 2KV ☐ KV ☐
Tolerance		±5% ☐ ±10% ☐ ±20% ☒ +80%,-20% ☐ ± % ☐
Marking		▪ 103
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

