



Aritec Electronics Co., Ltd.

No.22 Chalongkrung 31 Lamplatiew
Ladkrabang Bangkok 10520

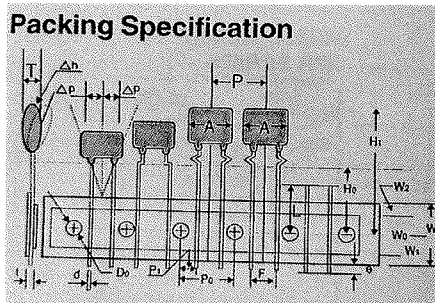
Tel: 66-27802588

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SAMPLE DATA SHEET OF MULTILAYER CERAMIC CAPACITOR

Customer P/N:	AEC P/N: R330JCF5TH	OLD
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Figure:

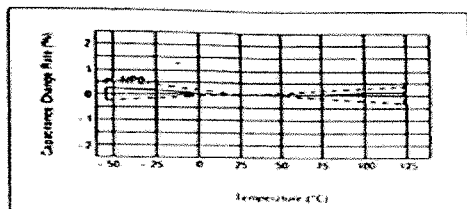


Body Width (W)	: 5.08	mm max
Body Length (L)	: 5.08	mm max
Lead Thickness (T)	: 3.18	mm max
Seat Height (M)	: 2.54	mm max
Lead Space (F)	: 5.08 ±0.5	mm
Lead Length (A)	: 18.0 ±0.5	mm
Lead Dia. (d)	: 0.55 ±0.05	mm

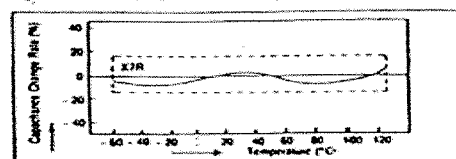
Item/Symbol		Specifications	
Instrument: HP4278A		Capacitance Range: 31.35 - 34.65 pF	
Test Frequency: 1.0K Hz		Dissipation Factor: 2.5 % max. at 25°C	
Test Voltage: 1.0 Vrms			
Test Temperature: 25°C			
Temperature Characteristics		NPO ☒ SL ☐ X7R ☐ Z5U ☐ Y5V ☐	
Working Voltage		16V ☐ 25V ☐ 50V ☒ 100V ☐	
Tolerance		D ☐ J ☒ K ☐ M ☐ Z ☐	
Dielectric Strength		250 % rated voltage with 50mA max.	
Insulation Resistance		1 K MΩ Min. at 50 VDC	
Marking		33.	
Package		Bulk: 1,000 pcs /bag	T/B: 2,000 pcs/box
Operating Temperature	NPO (COG)	0 ±30PPM/°C -55°C ~ +125°C	
	X7R	± 15% Δ C -55°C ~ +125°C	
	Z5U	+22% ~ -56% Δ C -10°C ~ + 85°C	
	Y5V	+22% ~ -82% Δ C -30°C ~ + 85°C	

Temperature Characteristics

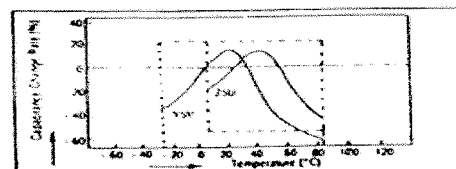
• Capacitance value — Temperature Characteristics
Temperature Compensating (Test Condition) 1kHz 1Vrms



High Dielectric Constant (Test Condition) 1kHz 1Vrms



High Dielectric Constant (Test Condition) 1kHz 1Vrms





ARITEC ELECTRONICS CO., LTD.

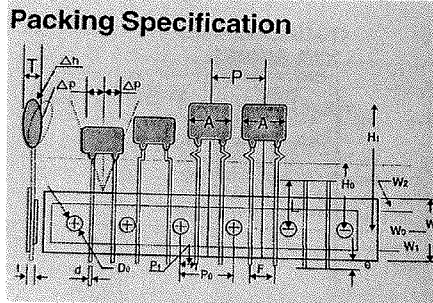
安利電子有限公司

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

SAMPLE DATA SHEET OF MULTILAYER CERAMIC CAPACITOR

Customer P/N:	AEC P/N: R330JCF5TH	NEW
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Figure:

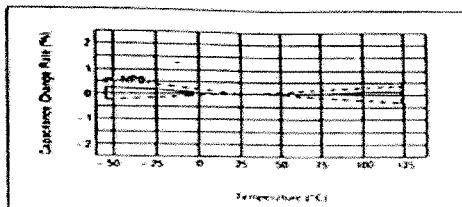


Body Width (W) :	5.08	mm max
Body Length (L) :	5.08	mm max
Lead Thickness (T) :	3.18	mm max
Seat Height (M) :	2.54	mm max
Lead Space (F) :	5.08 ±0.5	mm
Lead Length (A) :	18.0. ±0.5	mm
Lead Dia. (d) :	0.55 ±0.05	mm

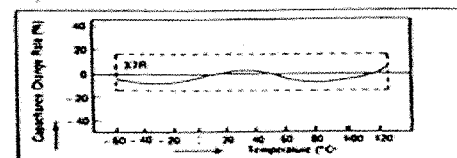
Item/Symbol		Specifications	
Instrument: HP4278A		Capacitance Range: 31.35 - 34.65 pF	
Test Frequency: 1.0K Hz			
Test Voltage: 1.0 Vrms		Dissipation Factor: 2.5 % max. at 25°C	
Test Temperature: 25°C			
Temperature Characteristics		NPO ☒ SL ☐ X7R ☐ Z5U ☐ Y5V ☐	
Working Voltage		16V ☐ 25V ☐ 50V ☒ 100V ☐	
Tolerance		D ☐ J ☒ K ☐ M ☐ Z ☐	
Dielectric Strength		250 % rated voltage with 50mA max.	
Insulation Resistance		1 K MΩ Min. at 50 VDC	
Marking		330	
Package		Bulk: 1,000 pcs /bag	T/B: 2,000 pcs/box
Operating Temperature	NPO (COG)	0 ±30PPM/°C -55°C ~ +125°C	
	X7R	± 15% Δ C -55°C ~ +125°C	
	Z5U	+22% ~ -56% Δ C -10°C ~ + 85°C	
	Y5V	+22% ~ -82% Δ C -30°C ~ + 85°C	

Temperature Characteristics

• Capacitance value — Temperature Characteristics
Temperature Compensating (Test Condition) 1kHz 1Vrms



High Dielectric Constant (Test Condition) 1kHz 1Vrms



High Dielectric Constant Test Condition: 1kHz 1Vrms

