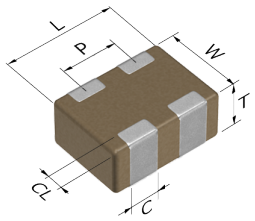
Creation Date : July 13, 2019 (GMT)

Multilayer Ceramic Chip Capacitors

CKCM25X7R1H472M060AA

RoHS | REACH SVHC-Free | Halogen Free | Lead Free

TDK item description	CKCM25X7R1H472MT****
Applications	Commercial Grade
Feature	2-Array 2 in 1 Array
Series	CKCM25
Status	Obsolete Discontinue Issue Date : Apr.28, 2018 Last Purchase Order Date : Oct.31, 2018 Last Shipment Date : Mar.31, 2019



Size	
Length(L)	1.37mm ±0.15mm
Width(W)	1.00mm ±0.15mm
Thickness(T)	0.60mm ±0.10mm
Terminal Width(C)	0.36mm Nom.
Terminal Spacing(P)	0.64mm Nom.
Recommended Land Pattern (PA)	0.45mm to 0.55mm
Recommended Land Pattern (PB)	0.45mm to 0.55mm
Recommended Land Pattern (PC)	0.31mm to 0.41mm
Recommended Land Pattern (PP)	0.59mm to 0.69mm

Electrical Characteristics	
Capacitance	4.7nF ±20%
Rated Voltage	50VDC
Temperature Characteristic	X7R(±15%)
Dissipation Factor (Max.)	3%
Insulation Resistance (Min.)	10000MΩ

Other	
Soldering Method	Reflow
AEC-Q200	No
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	4000pcs

! Images are for reference only and show exemplary products.
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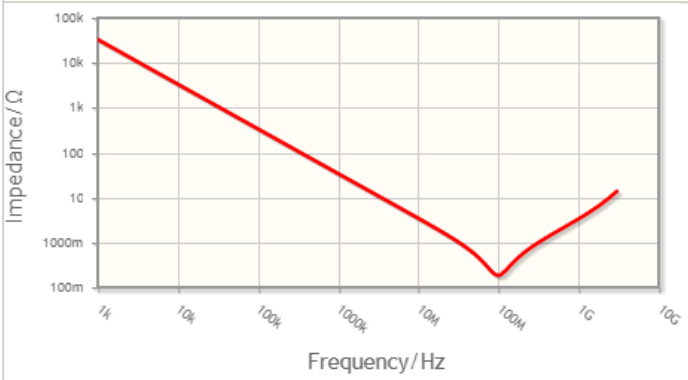
Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)

Impedance



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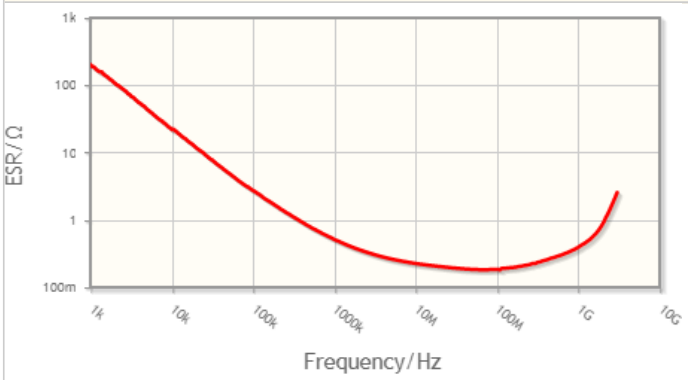
ESR



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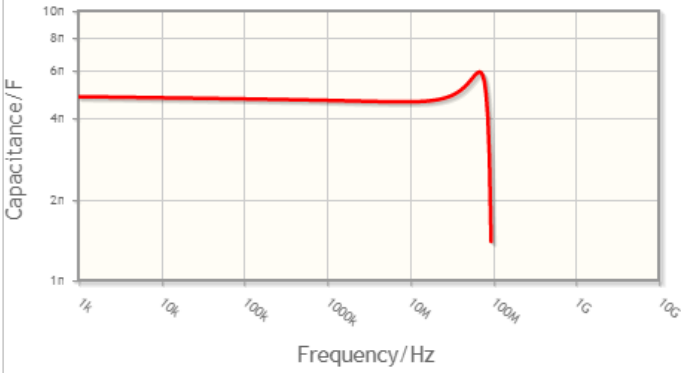
Capacitance



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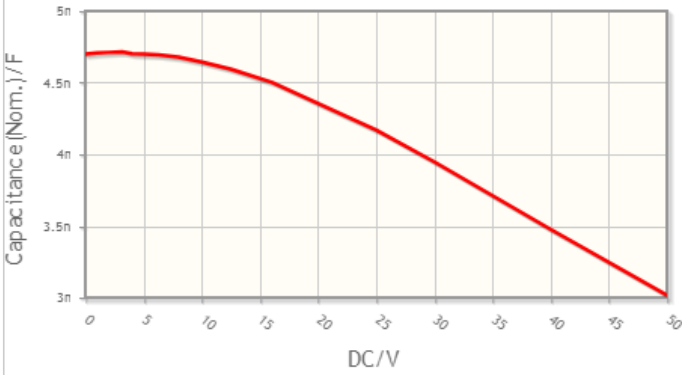
DC Bias Characteristic



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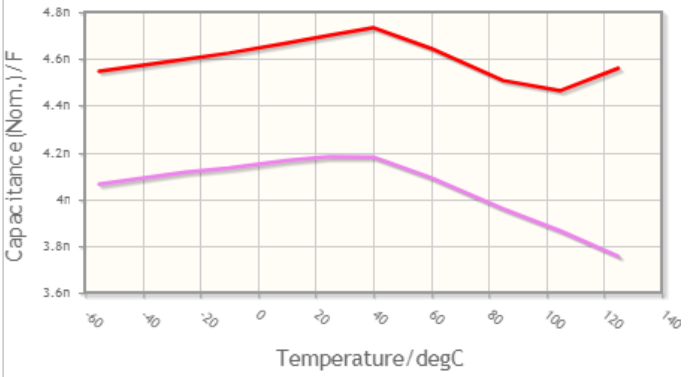
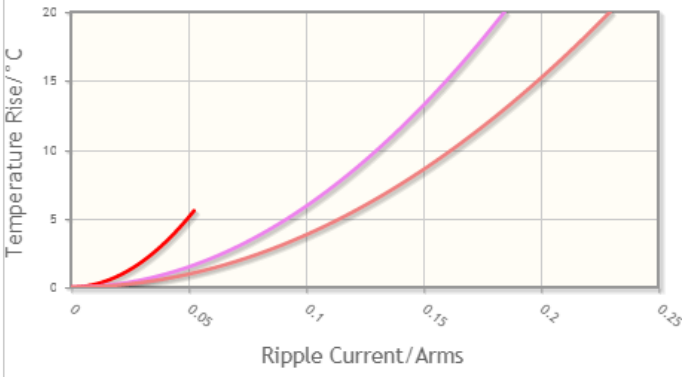
Temperature Characteristic



CKCM25X7R1H472M060AA(No Bias)

CKCM25X7R1H472M060AA(DC Bias = 25V)

Ripple Temperature Rising



CKCM25X7R1H472M060AA(100kHz) CKCM25X7R1H472M060AA(500kHz) CKCM25X7R1H472M060AA(1MHz)

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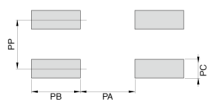
Associated Images

Land Pattern (Terminal Connection)



Dimensions in mm

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