Capacitors **Multilayer Ceramic Chip Capacitors**

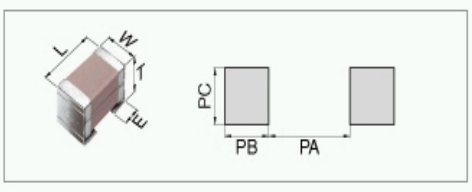
CKG57NX7S1H226M500JH Multilayer Ceramic Chip Capacitors

(TDK item description : CKG57NX7S1H226MT****)

Applications Commercial Grade

Feature Mega MEGACAP Type

Series CKG57N(5750) [EIA CC2220]



Lead Free | Halogen Free | REACH | RoHS COMPLIANT

Buy Now (Distributor Inventory Check)
Contact

Size

Length(L)	6.00mm +/-0.50mm
Width(W)	5.00mm +/-0.50mm
Thickness(T)	5.00mm +/-0.50mm
Metal Terminal Width(E)	1.60mm +/-0.30mm
Recommended Land Pattern(PA)	3.90 to 4.30mm
Recommended Land Pattern(PB)	1.50 to 2.00mm
Recommended Land Pattern(PC)	4.50 to 5.00mm

Electrical Characteristics

Capacitance	22uF +/-20%
Rated Voltage	50Vdc
Temperature Characteristic	X7S(+/-22%)
Dissipation Factor	5% Max.
Insulation Resistance	22MΩ Min.

Other

Soldering Method	Reflow
AEC Q200	No
Packing	Blister (Plastic)Taping [330mm Reel]
Package Quantity	1000Pcs Min.

Documents

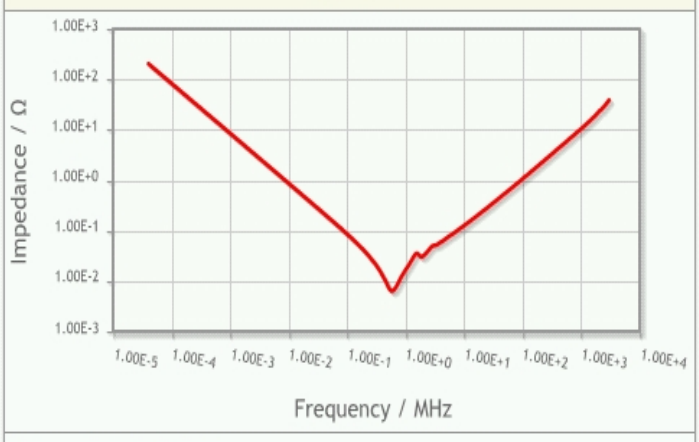
- Catalog (en)
- Specification (en)
- Characterization Sheet (en)
- RoHS Certificate (en)
- REACH Certificate (en)
- Selection Guide (en)
- FAQ (en)
- [Promotion Video] MEGACAP Type (en)
- [Solution Guide] Flex Crack Countermeasures (en)
- [Solution Guide] Solder Crack Countermeasures (en)

Design Tools

- S-parameter
- SPICE Netlist(Simple)
- SPICE Netlist(Precision)
- Components Characteristics Viewer

Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)

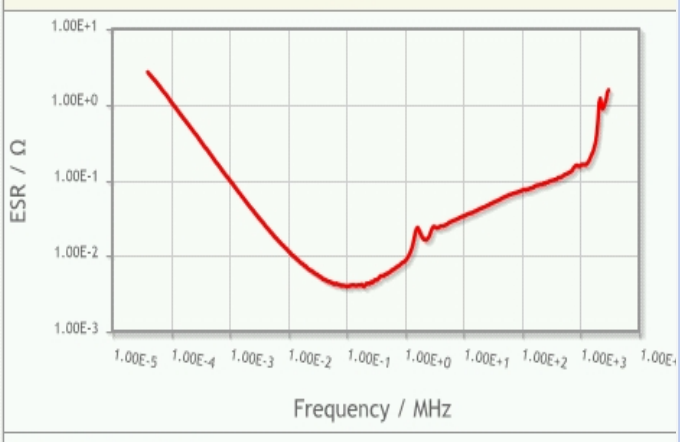
Impedance



CKG57NX7S1H226M500JH

Zoom

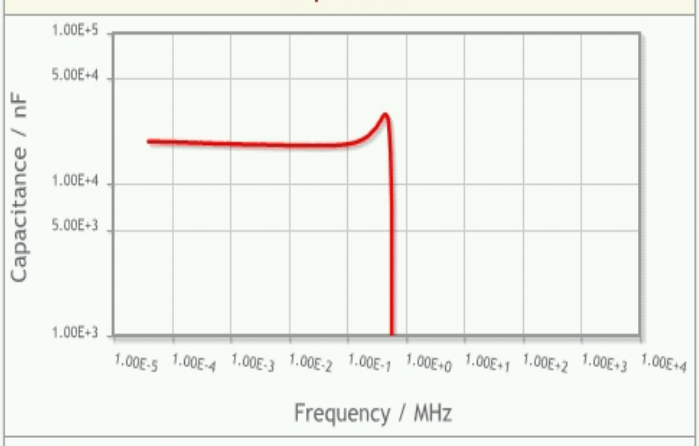
ESR



CKG57NX7S1H226M500JH

Zoom

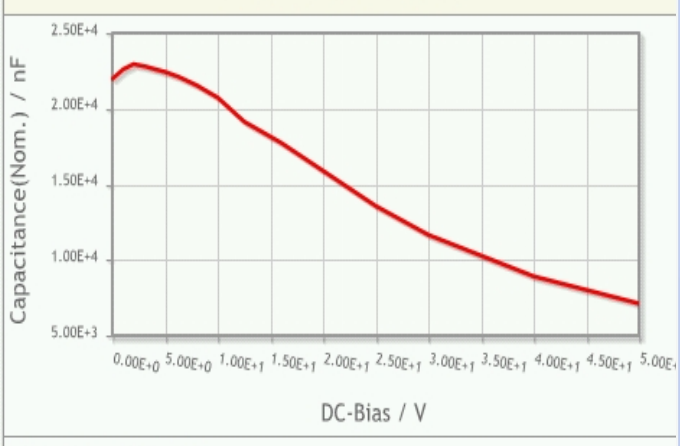
Capacitance



CKG57NX7S1H226M500JH

Zoom

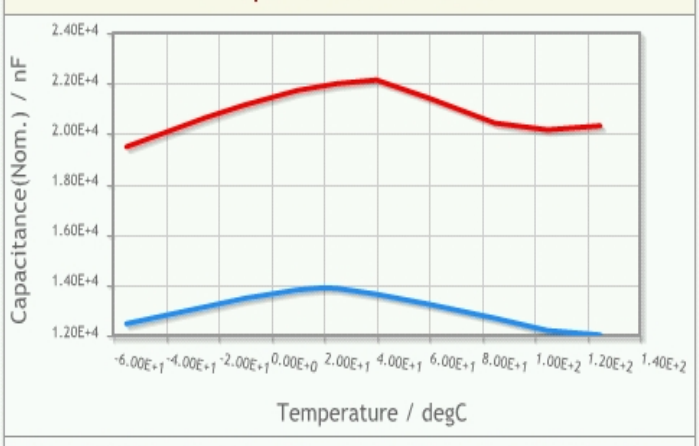
DC-Bias Characteristic



CKG57NX7S1H226M500JH

Zoom

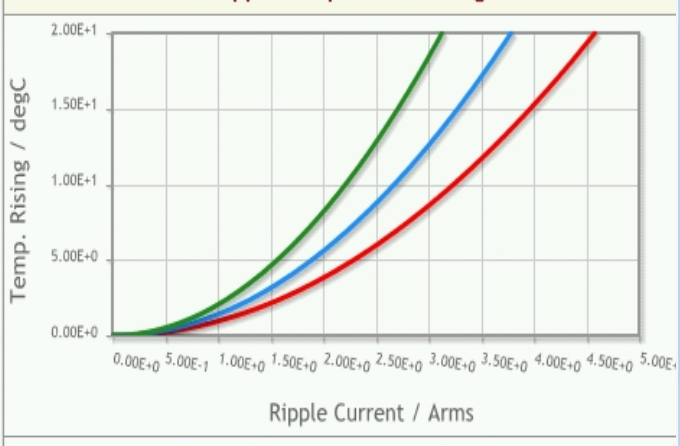
Temperature Characteristic



CKG57NX7S1H226M500JH(DC Bias = 0V) CKG57NX7S1H226M500JH(DC Bias = 25V)

Zoom

Ripple Temperature Rising



CKG57NX7S1H226M500JH(100kHz) CKG57NX7S1H226M500JH(500kHz) CKG57NX7S1H226M500JH(1MHz)

Zoom

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