

Product Status

Production

TDK Item Description

CKG57NX7T2J105MT****

Applications

Commercial Grade

Please refer to Part No. [CKG57NX7T2J105M500JJ](#) for Automotive use.

Feature

Mid Mid Voltage (100 to 630V)

Mega MEGACAP Type

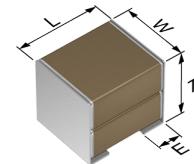
Series

CKG57N(5750) [EIA 2220]

Brand

TDK

Environmental Compliance



Size

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

Electrical Characteristics

Capacitance	1 μ F $\pm 20\%$
Rated Voltage	630VDC
Temperature Characteristic	X7T(+22,-33%)
Dissipation Factor (Max.)	2.5%
Insulation Resistance (Min.)	500M Ω

Other

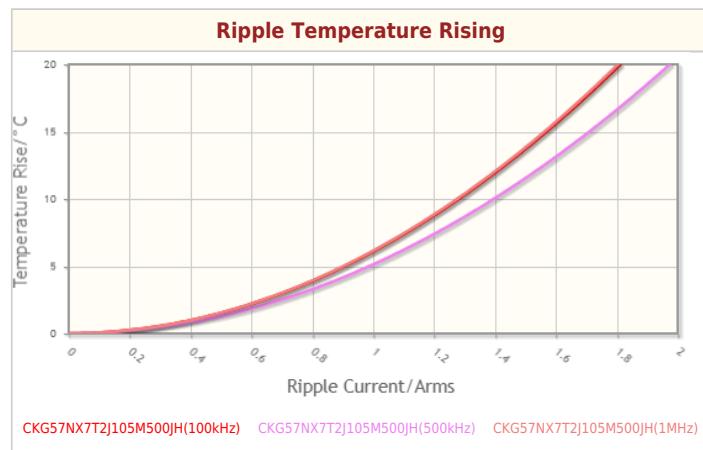
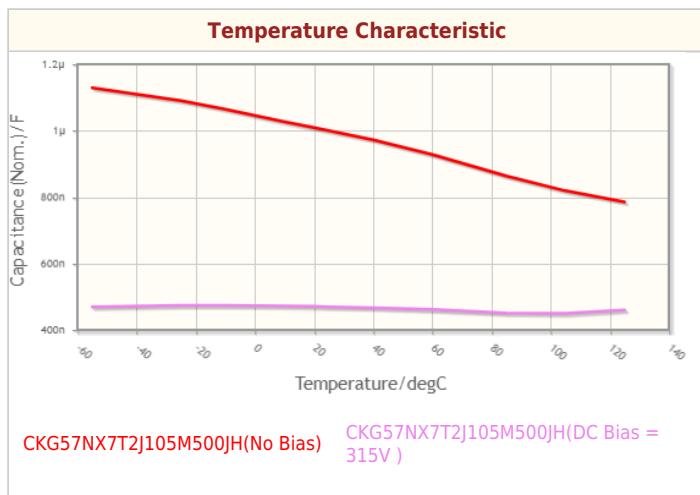
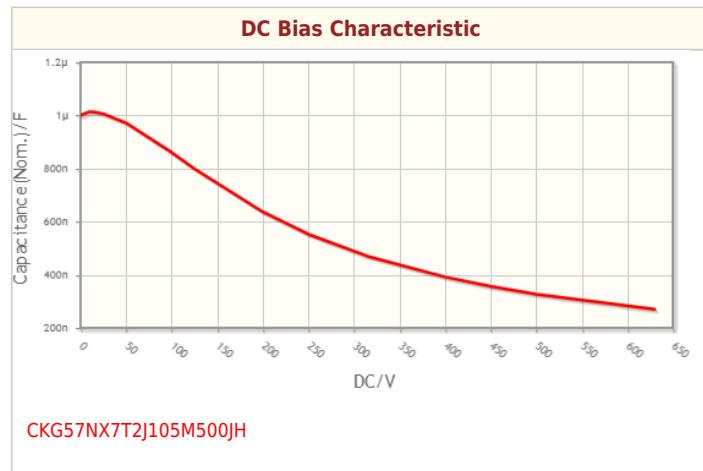
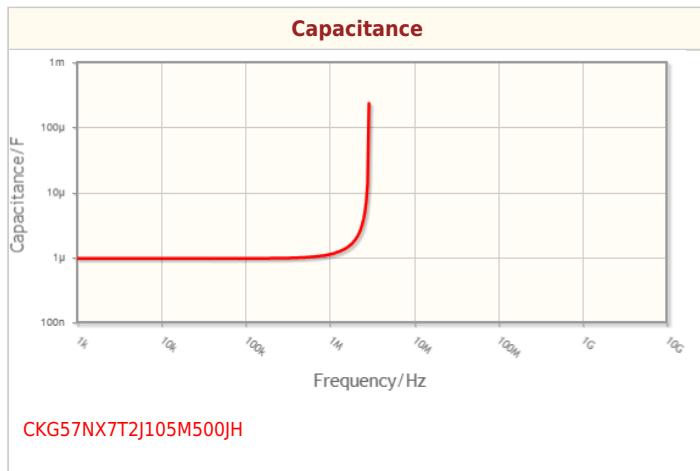
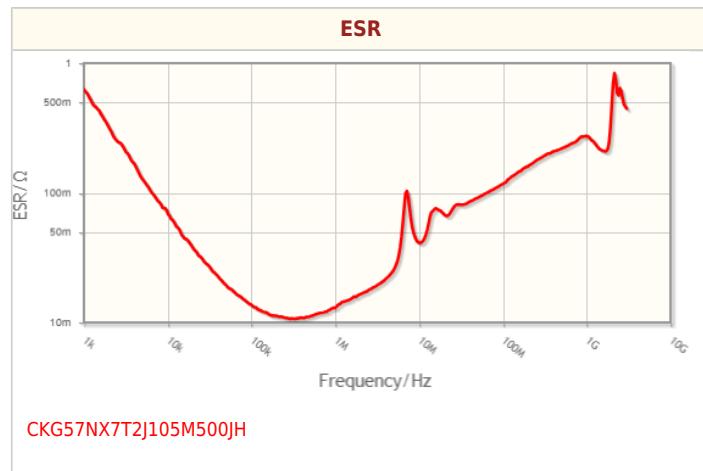
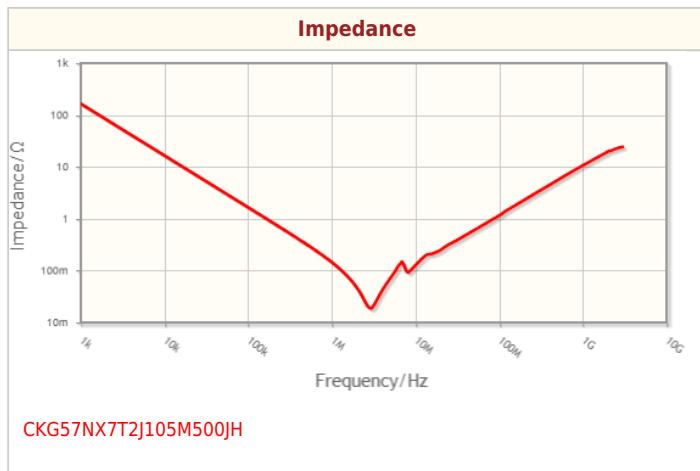
Operating Temp. Range	-55 to 125°C
Soldering Method	Reflow
AEC-Q200	NO
Packing	Embossed (Plastic)Taping [330mm Reel]
Package Quantity	1000pcs

! Images are for reference only and show exemplary products.

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! All specifications are subject to change without notice.

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

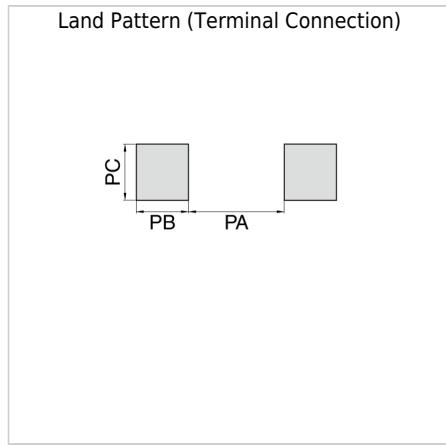


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Associated Images



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