

## CKG45NX7S2A685M500JJ



**Part Number:** [CKG45NX7S2A685M500JJ](#)

**Manufacturer:** [TDK Corporation](#)

**Description:** CAP CER 6.8UF 100V X7S SMD

**Data sheet:** [PDF](#) [CKG Series, MegaCap Automotive Spec](#)

[PDF](#) [CKG45NX7S2A685M500JJ Character Sheet](#)

[PDF](#) [CKG Series, MegaCap Automotive](#)

**RoHS Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

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### PRODUCT PARAMETER

<b>Part Number</b>	CKG45NX7S2A685M500JJ	<b>Manufacturer</b>	<a href="#">TDK Corporation</a>
<b>Description</b>	CAP CER 6.8UF 100V X7S SMD	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Quantity Available</b>	42489 pcs	<b>Data sheet</b>	<a href="#">CKG Series, MegaCap Automotive Spec</a> <a href="#">CKG45NX7S2A685M500JJ Character Sheet</a> <a href="#">CKG Series, MegaCap Automotive</a>
<b>Category</b>	<a href="#">Capacitors</a>	<b>Voltage - Rated</b>	100V
<b>Tolerance</b>	±20%	<b>Thickness (Max)</b>	0.217" (5.50mm)
<b>Temperature Coefficient</b>	X7S	<b>Size / Dimension</b>	0.197" L x 0.138" W (5.00mm x 3.50mm)
<b>Series</b>	MEGACAP, CKG	<b>Ratings</b>	AEC-Q200
<b>Packaging</b>	Tape & Reel (TR)	<b>Package / Case</b>	Stacked SMD, 2 J-Lead
<b>Other Names</b>	445-10420-2 CKG45NX7S2A685MT0Y9W	<b>Operating Temperature</b>	-55°C ~ 125°C
<b>Mounting Type</b>	Surface Mount, MLCC	<b>Moisture Sensitivity Level (MSL)</b>	1 (Unlimited)
<b>Manufacturer Standard Lead Time</b>	40 Weeks	<b>Lead Style</b>	J-Lead
<b>Lead Spacing</b>	-	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Height - Seated (Max)</b>	-	<b>Features</b>	Low ESL (Stacked)
<b>Failure Rate</b>	-	<b>Detailed Description</b>	6.8µF ±20% 100V Ceramic Capacitor X7S Stacked SMD, 2 J-Lead
<b>Capacitance</b>	6.8µF	<b>Applications</b>	Automotive, SMPS Filtering, Bypass, Decoupling

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	<b>Part#:</b> <a href="#">CKG45NX7T2J474M500JH</a> <b>Description:</b> CAP CER 0.47UF 630V X7T SMD	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">CKG45NX7S1H106M500JH</a> <b>Description:</b> CAP CER 10UF 50V X7S SMD	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">CKG45NX7T2J334M500JH</a> <b>Description:</b> CAP CER 0.33UF 630V X7T SMD	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">CKG45NX7T2E155M500JH</a> <b>Description:</b> CAP CER 1.5UF 250V X7T SMD	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">CKG45NX7S2A106M500JJ</a> <b>Description:</b> CAP CER 10UF 100V X7S SMD	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">CKG45NX7S2A106M500JH</a> <b>Description:</b> CAP CER 10UF 100V X7S SMD	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">CKG45NX7T2E225M500JJ</a> <b>Description:</b> CAP CER 2.2UF 250V X7T SMD	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">CKG45NX7S1C476M500JH</a> <b>Description:</b> CAP CER 47UF 16V X7S SMD	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">CKG45NX7T2W105M500JH</a> <b>Description:</b> CAP CER 1UF 450V X7T SMD	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">CKG45NX7S2A685M500JH</a> <b>Description:</b> CAP CER 6.8UF 100V X7S SMD	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">CKG45NX7S1C476M500JJ</a> <b>Description:</b> CAP CER 47UF 16V X7S SMD	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">CKG45NX7T2W105M500JJ</a> <b>Description:</b> CAP CER 1UF 450V X7T SMD	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">CKG45NX7T2J474M500JJ</a> <b>Description:</b> CAP CER 0.47UF 630V X7T SMD	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">CKG45NX7R2E474M500JJ</a> <b>Description:</b> CAP CER 0.47UF 250V X7R SMD	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">CKG45NX7S1H106M500JJ</a> <b>Description:</b> CAP CER 10UF 50V X7S SMD	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">CKG45NX7T2E225M500JH</a> <b>Description:</b> CAP CER 2.2UF 250V X7T SMD	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">CKG45NX7R2J224M500JH</a> <b>Description:</b> CAP CER 0.22UF 630V X7R SMD	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">CKG45NX7T2E155M500JJ</a> <b>Description:</b> CAP CER 1.5UF 250V X7T SMD	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">CKG45NX7T2J334M500JJ</a> <b>Description:</b> CAP CER 0.33UF 630V X7T SMD	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">CKG45NX7R2J224M500JJ</a> <b>Description:</b> CAP CER 0.22UF 630V X7R SMD	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>

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