

- Snap Mount
- Downsize
- High Ripple
- 5,000 Hours Rated Lifetime
- +105°C Maximum Temperature



The LXQ series is a new high voltage snap-in series that offers higher ripple current capability in downsized versions of the LXG snap-in capacitors rated from 160 to 450 volts. With the improved electrical characteristics and the same rated lifetime as the LXG series of 5,000 hours at +105°C with the rated ripple current applied, the LXQ capacitors are recommended for new designs in place of the LXG capacitors rated at 160 volts and above. The LXQ capacitors have a standard 2-pin snap-in terminal style.

The standard LXQ series capacitors are non-solvent proof. Refer to the Mini-Glossary for cleaning guidelines and recommended cleaning agents that are compatible with United Chemi-Con products.

Summary of Specifications

- PC board 2-pin snap-in terminals.
- Capacitance range: 82 to 2,700µF.
- Voltage range: 160 to 450VDC.
- Category temperature range: -25°C to +105°C.
- Leakage current: $3\sqrt{CV}$ (µA) maximum after 5 minutes at +20°C.
- Standard capacitance tolerance: ±20%
- Nominal case size (D × L): 22 × 25mm to 35 × 50mm.
- Rated lifetime: 5,000 hours at +105°C with the rated ripple current applied.

LXQ Specifications

Item	Characteristics																					
Category Temperature Range	- 25 to +105°C																					
Rated Voltage Range	160 to 450VDC																					
Capacitance Range	82 to 2,700 μ F																					
Capacitance Tolerance	$\pm 20\%$ (M) at +20°C, 120Hz																					
Leakage Current	$I \leq 3\sqrt{CV}$ (μ A) after 5 minutes at +20°C. Where I = Max. leakage current (μ A), C = Nominal capacitance (μ F) and V = Rated voltage (V)																					
Dissipation Factor (Tan δ)	At +20°C, 120Hz <table border="1" style="margin-left: 20px;"> <tr> <td>Rated Voltage (V)</td> <td>160-400</td> <td>420-450</td> </tr> <tr> <td>Tan δ (DF)</td> <td>0.15 max.</td> <td>0.20 max.</td> </tr> </table>	Rated Voltage (V)	160-400	420-450	Tan δ (DF)	0.15 max.	0.20 max.															
Rated Voltage (V)	160-400	420-450																				
Tan δ (DF)	0.15 max.	0.20 max.																				
Low Temperature Characteristics	At 120Hz, impedance (Z) ratio between the - 25°C value and +20°C value shall not exceed the values given below. <table border="1" style="margin-left: 20px;"> <tr> <td>Rated Voltage (V)</td> <td>160-400</td> <td>420-450</td> </tr> <tr> <td>Z (-25°C) / Z (+20°C)</td> <td>4</td> <td>8</td> </tr> </table>	Rated Voltage (V)	160-400	420-450	Z (-25°C) / Z (+20°C)	4	8															
Rated Voltage (V)	160-400	420-450																				
Z (-25°C) / Z (+20°C)	4	8																				
Rated Ripple Current Multipliers <i>Refer to Section 4 of the Mini-Glossary for explanation of Rated Ripple Current Multipliers.</i>	Frequency (Hz) <table border="1" style="margin-left: 20px;"> <thead> <tr> <th>DC Rated Voltage</th> <th>50Hz</th> <th>120Hz</th> <th>300Hz</th> <th>1kHz</th> <th>10kHz</th> <th>50kHz</th> </tr> </thead> <tbody> <tr> <td>160-250V</td> <td>0.81</td> <td>1.00</td> <td>1.17</td> <td>1.32</td> <td>1.45</td> <td>1.50</td> </tr> <tr> <td>315-450V</td> <td>0.77</td> <td>1.00</td> <td>1.16</td> <td>1.30</td> <td>1.41</td> <td>1.43</td> </tr> </tbody> </table>	DC Rated Voltage	50Hz	120Hz	300Hz	1kHz	10kHz	50kHz	160-250V	0.81	1.00	1.17	1.32	1.45	1.50	315-450V	0.77	1.00	1.16	1.30	1.41	1.43
DC Rated Voltage	50Hz	120Hz	300Hz	1kHz	10kHz	50kHz																
160-250V	0.81	1.00	1.17	1.32	1.45	1.50																
315-450V	0.77	1.00	1.16	1.30	1.41	1.43																
Endurance (Load Life)	The following specifications shall be satisfied when the capacitors are restored to +20°C after subjecting them to DC voltage for 5,000 hours at +105°C with the rated ripple current applied. The sum of the DC voltage and peak AC voltage must not exceed the full rated voltage of the capacitors. Capacitance change: $\leq \pm 20\%$ of initial measured value Tan δ (DF) : $\leq 200\%$ of initial specified value Leakage current : \leq initial specified value																					
Shelf Life	The following specifications shall be satisfied when the capacitors are restored to +20°C after exposing them for 1,000 hours at +105°C without voltage applied. The rated voltage shall be applied to the capacitors for a minimum of 30 minutes, at least 24 hours and not more than 48 hours before the measurements. Capacitance change: $\leq \pm 15\%$ of initial measured value Tan δ (DF) : $\leq 150\%$ of initial specified value Leakage current : \leq initial specified value																					

Part Numbering System for LXQ Series

When ordering, always specify complete catalog number for LXQ Series.

LXQ	250	VS	271	M	22X30	T2	
							Terminal Code: T2 = 2-Pin Snap-in (Standard).
							Case Code: See Case Sizes in Tables.
							Capacitance Tolerance: M = $\pm 20\%$
							Capacitance Value: Expressed in Microfarads. The first two digits are significant figures, and the third digit indicates the number of zeros for capacitance of 100 μ F or more. R indicates the decimal point for capacitance less than 100 μ F (e.g. R27 = .27 μ F; 2R7 = 2.7 μ F; 27R = 27 μ F; 271 = 270 μ F; 272 = 2,700 μ F; 273 = 27,000 μ F).
							Lead Configuration: VS = 2-Pin Snap-in Terminals.
							DC Rated Voltage: Expressed in Volts (e.g. 250 = 250WVDC).
							Series Name: Indicates Basic Capacitor Design.

Diagram of Dimensions

Snap Mount

Type VS-T2 $\varnothing 22 \sim \varnothing 35$

Standard design does not have a plastic disk.

*Vent may be located either on the bottom or side of the can.

VS Pin Dimensions

Type	P	W	W ₁	W ₂
VS-T2	4.0 ± 0.5	1.5 ± 0.2	1.0	1.0

Unit: mm

Standard Voltage Ratings - VS/Snap Mount

Rated Voltage (WVDC)	Capacitance (µF)	Catalog Part Number	Nominal Case Size* D × L (mm)	Maximum ESR (Ω) at +20°C, 120Hz	Rated Ripple Current (A rms) at +105°C, 120Hz
160 Volts 200 Volts Surge	390	LXQ160VS391M22X25T2	22 × 25	0.638	1.32
	560	LXQ160VS561M22X30T2	22 × 30	0.444	1.66
	680	LXQ160VS681M22X35T2	22 × 35	0.366	1.87
	820	LXQ160VS821M22X40T2	22 × 40	0.303	2.09
	1,000	LXQ160VS102M22X45T2	22 × 45	0.249	2.36
	1,000	LXQ160VS102M22X50T2	22 × 50	0.249	2.41
	560	LXQ160VS561M25X25T2	25.4 × 25	0.444	1.68
	680	LXQ160VS681M25X30T2	25.4 × 30	0.366	1.88
	1,000	LXQ160VS102M25X35T2	25.4 × 35	0.249	2.38
	1,200	LXQ160VS122M25X40T2	25.4 × 40	0.207	2.66
	1,200	LXQ160VS122M25X45T2	25.4 × 45	0.207	2.71
	1,500	LXQ160VS152M25X50T2	25.4 × 50	0.166	3.08
	680	LXQ160VS681M30X25T2	30 × 25	0.366	1.96
	1,000	LXQ160VS102M30X30T2	30 × 30	0.249	2.40
	1,200	LXQ160VS122M30X35T2	30 × 35	0.207	2.69
	1,200	LXQ160VS122M30X40T2	30 × 40	0.207	2.77
	1,500	LXQ160VS152M30X45T2	30 × 45	0.166	3.17
	1,800	LXQ160VS182M30X50T2	30 × 50	0.138	3.53
	1,000	LXQ160VS102M35X25T2	35 × 25	0.249	2.55
	1,200	LXQ160VS122M35X30T2	35 × 30	0.207	2.86
1,500	LXQ160VS152M35X35T2	35 × 35	0.166	3.22	
1,800	LXQ160VS182M35X40T2	35 × 40	0.138	3.66	
2,200	LXQ160VS222M35X45T2	35 × 45	0.113	4.14	
2,700	LXQ160VS272M35X50T2	35 × 50	0.092	4.68	
180 Volts 225 Volts Surge	330	LXQ180VS331M22X25T2	22 × 25	0.753	1.21
	470	LXQ180VS471M22X30T2	22 × 30	0.529	1.52
	560	LXQ180VS561M22X35T2	22 × 35	0.444	1.70
	680	LXQ180VS681M22X40T2	22 × 40	0.366	1.91
	820	LXQ180VS821M22X45T2	22 × 45	0.303	1.99
	1,000	LXQ180VS102M22X50T2	22 × 50	0.249	2.25
	470	LXQ180VS471M25X25T2	25.4 × 25	0.529	1.52
	680	LXQ180VS681M25X30T2	25.4 × 30	0.366	1.88
	820	LXQ180VS821M25X35T2	25.4 × 35	0.303	2.16
	1,000	LXQ180VS102M25X40T2	25.4 × 40	0.249	2.43

*The case sizes in table are with no sleeve, refer to diagram for case sizes with sleeve.

Standard Voltage Ratings - VS/Snap Mount

Rated Voltage (WVDC)	Capacitance (µF)	Catalog Part Number	Nominal Case Size* D × L (mm)	Maximum ESR (Ω) at +20°C, 120Hz	Rated Ripple Current (A rms) at +105°C, 120Hz
180 Volts 225 Volts Surge	1,000	LXQ180VS102M25X45T2	25.4 × 45	0.249	2.47
	1,200	LXQ180VS122M25X50T2	25.4 × 50	0.207	2.75
	560	LXQ180VS561M30X25T2	30 × 25	0.444	1.78
	820	LXQ180VS821M30X30T2	30 × 30	0.303	2.17
	1,000	LXQ180VS102M30X35T2	30 × 35	0.249	2.46
	1,200	LXQ180VS122M30X40T2	30 × 40	0.207	2.77
	1,500	LXQ180VS152M30X45T2	30 × 45	0.166	3.17
	1,500	LXQ180VS152M30X50T2	30 × 50	0.166	3.22
	820	LXQ180VS821M35X25T2	35 × 25	0.303	2.31
	1,200	LXQ180VS122M35X30T2	35 × 30	0.207	2.86
	1,500	LXQ180VS152M35X35T2	35 × 35	0.166	3.22
	1,800	LXQ180VS182M35X40T2	35 × 40	0.138	3.66
	1,800	LXQ180VS182M35X45T2	35 × 45	0.138	3.74
2,200	LXQ180VS222M35X50T2	35 × 50	0.113	4.22	
200 Volts 250 Volts Surge	270	LXQ200VS271M22X25T2	22 × 25	0.921	1.10
	390	LXQ200VS391M22X30T2	22 × 30	0.638	1.38
	470	LXQ200VS471M22X35T2	22 × 35	0.529	1.55
	560	LXQ200VS561M22X40T2	22 × 40	0.444	1.73
	680	LXQ200VS681M22X45T2	22 × 45	0.366	1.81
	820	LXQ200VS821M22X50T2	22 × 50	0.303	2.18
	390	LXQ200VS391M25X25T2	25.4 × 25	0.638	1.39
	560	LXQ200VS561M25X30T2	25.4 × 30	0.444	1.71
	680	LXQ200VS681M25X35T2	25.4 × 35	0.366	1.87
	820	LXQ200VS821M25X40T2	25.4 × 40	0.303	2.09
	1,000	LXQ200VS102M25X45T2	25.4 × 45	0.249	2.35
	1,000	LXQ200VS102M25X50T2	25.4 × 50	0.249	2.39
	560	LXQ200VS561M30X25T2	30 × 25	0.444	1.78
	680	LXQ200VS681M30X30T2	30 × 30	0.366	1.98
	820	LXQ200VS821M30X35T2	30 × 35	0.303	2.22
	1,000	LXQ200VS102M30X40T2	30 × 40	0.249	2.53
	1,200	LXQ200VS122M30X45T2	30 × 45	0.207	2.84
	1,200	LXQ200VS122M30X50T2	30 × 50	0.207	2.88
	680	LXQ200VS681M35X25T2	35 × 25	0.366	2.10
	1,000	LXQ200VS102M35X30T2	35 × 30	0.249	2.61
1,200	LXQ200VS122M35X35T2	35 × 35	0.207	2.88	
1,500	LXQ200VS152M35X40T2	35 × 40	0.166	3.34	
1,800	LXQ200VS182M35X45T2	35 × 45	0.138	3.74	
1,800	LXQ200VS182M35X50T2	35 × 50	0.138	3.82	
220 Volts 275 Volts Surge	270	LXQ220VS271M22X25T2	22 × 25	0.921	1.10
	330	LXQ220VS331M22X30T2	22 × 30	0.753	1.19
	470	LXQ220VS471M22X35T2	22 × 35	0.529	1.55
	560	LXQ220VS561M22X40T2	22 × 40	0.444	1.73
	680	LXQ220VS681M22X45T2	22 × 45	0.366	1.94
	680	LXQ220VS681M22X50T2	22 × 50	0.366	1.99
	390	LXQ220VS391M25X25T2	25.4 × 25	0.638	1.39
	470	LXQ220VS471M25X30T2	25.4 × 30	0.529	1.56
	680	LXQ220VS681M25X35T2	25.4 × 35	0.366	1.96
	820	LXQ220VS821M25X40T2	25.4 × 40	0.303	2.20
	820	LXQ220VS821M25X45T2	25.4 × 45	0.303	2.24
	1,000	LXQ220VS102M25X50T2	25.4 × 50	0.249	2.51
	470	LXQ220VS471M30X25T2	30 × 25	0.529	1.63
	560	LXQ220VS561M30X30T2	30 × 30	0.444	1.79
	680	LXQ220VS681M30X35T2	30 × 35	0.366	2.02
	820	LXQ220VS821M30X40T2	30 × 40	0.303	2.29
	1,000	LXQ220VS102M30X45T2	30 × 45	0.249	2.59
	1,200	LXQ220VS122M30X50T2	30 × 50	0.207	2.88
	680	LXQ220VS681M35X25T2	35 × 25	0.366	2.10
	820	LXQ220VS821M35X30T2	35 × 30	0.303	2.36

*The case sizes in table are with no sleeve, refer to diagram for case sizes with sleeve.

Standard Voltage Ratings - VS/Snap Mount

Rated Voltage (WVDC)	Capacitance (µF)	Catalog Part Number	Nominal Case Size* D × L (mm)	Maximum ESR (Ω) at +20°C, 120Hz	Rated Ripple Current (A rms) at +105°C, 120Hz
220 Volts 275 Volts Surge	1,000	LXQ220VS102M35X35T2	35 × 35	0.249	2.63
	1,200	LXQ220VS122M35X40T2	35 × 40	0.207	2.98
	1,500	LXQ220VS152M35X45T2	35 × 45	0.166	3.41
	1,800	LXQ220VS182M35X50T2	35 × 50	0.138	3.82
250 Volts 300 Volts Surge	220	LXQ250VS221M22X25T2	22 × 25	1.13	1.01
	270	LXQ250VS271M22X30T2	22 × 30	0.921	1.20
	390	LXQ250VS391M22X35T2	22 × 35	0.638	1.44
	470	LXQ250VS471M22X40T2	22 × 40	0.529	1.62
	560	LXQ250VS561M22X45T2	22 × 45	0.444	1.80
	560	LXQ250VS561M22X50T2	22 × 50	0.444	1.84
	330	LXQ250VS331M25X25T2	25.4 × 25	0.753	1.32
	390	LXQ250VS391M25X30T2	25.4 × 30	0.638	1.43
	560	LXQ250VS561M25X35T2	25.4 × 35	0.444	1.78
	680	LXQ250VS681M25X40T2	25.4 × 40	0.366	2.00
	680	LXQ250VS681M25X45T2	25.4 × 45	0.366	2.04
	820	LXQ250VS821M25X50T2	25.4 × 50	0.303	2.28
	390	LXQ250VS391M30X25T2	30 × 25	0.638	1.51
	560	LXQ250VS561M30X30T2	30 × 30	0.444	1.83
	680	LXQ250VS681M30X35T2	30 × 35	0.366	2.06
	820	LXQ250VS821M30X40T2	30 × 40	0.303	2.33
	820	LXQ250VS821M30X45T2	30 × 45	0.303	2.39
	1,000	LXQ250VS102M30X50T2	30 × 50	0.249	2.68
	560	LXQ250VS561M35X25T2	35 × 25	0.444	1.91
	680	LXQ250VS681M35X30T2	35 × 30	0.366	2.15
820	LXQ250VS821M35X35T2	35 × 35	0.303	2.38	
1,000	LXQ250VS102M35X40T2	35 × 40	0.249	2.72	
1,200	LXQ250VS122M35X45T2	35 × 45	0.207	3.05	
1,500	LXQ250VS152M35X50T2	35 × 50	0.166	3.49	
315 Volts 365 Volts Surge	150	LXQ315VS151M22X25T2	22 × 25	1.658	0.80
	180	LXQ315VS181M22X30T2	22 × 30	1.381	0.92
	220	LXQ315VS221M22X35T2	22 × 35	1.130	1.04
	270	LXQ315VS271M22X40T2	22 × 40	0.921	1.18
	330	LXQ315VS331M22X45T2	22 × 45	0.753	1.33
	390	LXQ315VS391M22X50T2	22 × 50	0.638	1.48
	180	LXQ315VS181M25X25T2	25.4 × 25	1.381	0.94
	270	LXQ315VS271M25X30T2	25.4 × 30	0.921	1.19
	330	LXQ315VS331M25X35T2	25.4 × 35	0.753	1.37
	390	LXQ315VS391M25X40T2	25.4 × 40	0.638	1.52
	470	LXQ315VS471M25X45T2	25.4 × 45	0.529	1.70
	560	LXQ315VS561M25X50T2	25.4 × 50	0.444	1.88
	220	LXQ315VS221M30X25T2	30 × 25	1.130	1.17
	330	LXQ315VS331M30X30T2	30 × 30	0.753	1.40
	470	LXQ315VS471M30X35T2	30 × 35	0.529	1.71
	560	LXQ315VS561M30X40T2	30 × 40	0.444	1.92
	560	LXQ315VS561M30X45T2	30 × 45	0.444	1.97
	680	LXQ315VS681M30X50T2	30 × 50	0.366	2.21
	330	LXQ315VS331M35X25T2	35 × 25	0.753	1.49
	470	LXQ315VS471M35X30T2	35 × 30	0.529	1.82
560	LXQ315VS561M35X35T2	35 × 35	0.444	2.00	
680	LXQ315VS681M35X40T2	35 × 40	0.366	2.29	
820	LXQ315VS821M35X45T2	35 × 45	0.303	2.57	
1,000	LXQ315VS102M35X50T2	35 × 50	0.249	2.89	
350 Volts 400 Volts Surge	120	LXQ350VS121M22X25T2	22 × 25	2.072	0.72
	150	LXQ350VS151M22X30T2	22 × 30	1.658	0.84
	220	LXQ350VS221M22X35T2	22 × 35	1.130	1.04
	220	LXQ350VS221M22X40T2	22 × 40	1.130	1.06

*The case sizes in table are with no sleeve, refer to diagram for case sizes with sleeve.

Standard Voltage Ratings - VS/Snap Mount

Rated Voltage (WVDC)	Capacitance (µF)	Catalog Part Number	Nominal Case Size* D x L (mm)	Maximum ESR (Ω) at +20°C, 120Hz	Rated Ripple Current (A rms) at +105°C, 120Hz
350 Volts 400 Volts Surge	270	LXQ350VS271M22X45T2	22 x 45	0.921	1.20
	330	LXQ350VS331M22X50T2	22 x 50	0.753	1.36
	180	LXQ350VS181M25X25T2	25.4 x 25	1.381	0.94
	220	LXQ350VS221M25X30T2	25.4 x 30	1.130	1.07
	270	LXQ350VS271M25X35T2	25.4 x 35	0.921	1.24
	330	LXQ350VS331M25X40T2	25.4 x 40	0.753	1.39
	390	LXQ350VS391M25X45T2	25.4 x 45	0.638	1.55
	470	LXQ350VS471M25X50T2	25.4 x 50	0.529	1.72
	220	LXQ350VS221M30X25T2	30 x 25	1.130	1.13
	270	LXQ350VS271M30X30T2	30 x 30	0.921	1.27
	330	LXQ350VS331M30X35T2	30 x 35	0.753	1.43
	390	LXQ350VS391M30X40T2	30 x 40	0.638	1.60
	470	LXQ350VS471M30X45T2	30 x 45	0.529	1.81
	560	LXQ350VS561M30X50T2	30 x 50	0.444	2.00
	270	LXQ350VS271M35X25T2	35 x 25	0.921	1.35
	390	LXQ350VS391M35X30T2	35 x 30	0.638	1.66
	470	LXQ350VS471M35X35T2	35 x 35	0.529	1.83
	560	LXQ350VS561M35X40T2	35 x 40	0.444	2.07
680	LXQ350VS681M35X45T2	35 x 45	0.366	2.34	
820	LXQ350VS821M35X50T2	35 x 50	0.303	2.62	
400 Volts 450 Volts Surge	100	LXQ400VS101M22X25T2	22 x 25	2.49	0.66
	120	LXQ400VS121M22X30T2	22 x 30	2.072	0.75
	150	LXQ400VS151M22X35T2	22 x 35	1.658	0.86
	180	LXQ400VS181M22X40T2	22 x 40	1.381	0.96
	220	LXQ400VS221M22X45T2	22 x 45	1.130	1.09
	270	LXQ400VS271M22X50T2	22 x 50	0.921	1.23
	150	LXQ400VS151M25X25T2	25.4 x 25	1.658	0.86
	180	LXQ400VS181M25X30T2	25.4 x 30	1.381	0.97
	220	LXQ400VS221M25X35T2	25.4 x 35	1.130	1.12
	270	LXQ400VS271M25X40T2	25.4 x 40	0.921	1.26
	270	LXQ400VS271M25X45T2	25.4 x 45	0.921	1.29
	330	LXQ400VS331M25X50T2	25.4 x 50	0.753	1.44
	180	LXQ400VS181M30X25T2	30 x 25	1.381	1.02
	270	LXQ400VS271M30X30T2	30 x 30	0.921	1.27
	330	LXQ400VS331M30X35T2	30 x 35	0.753	1.43
	390	LXQ400VS391M30X40T2	30 x 40	0.638	1.60
	470	LXQ400VS471M30X45T2	30 x 45	0.529	1.81
	470	LXQ400VS471M30X50T2	30 x 50	0.529	1.84
220	LXQ400VS221M35X25T2	35 x 25	1.130	1.22	
330	LXQ400VS331M35X30T2	35 x 30	0.753	1.52	
390	LXQ400VS391M35X35T2	35 x 35	0.638	1.67	
470	LXQ400VS471M35X40T2	35 x 40	0.529	1.90	
560	LXQ400VS561M35X45T2	35 x 45	0.444	2.12	
680	LXQ400VS681M35X50T2	35 x 50	0.366	2.39	
420 Volts 470 Volts Surge	100	LXQ420VS101M22X25T2	22 x 25	3.315	0.66
	120	LXQ420VS121M22X30T2	22 x 30	2.763	0.75
	150	LXQ420VS151M22X35T2	22 x 35	2.21	0.86
	180	LXQ420VS181M22X40T2	22 x 40	1.842	0.96
	180	LXQ420VS181M22X45T2	22 x 45	1.842	0.98
	220	LXQ420VS221M22X50T2	22 x 50	1.507	1.11
	120	LXQ420VS121M25X25T2	25.4 x 25	2.763	0.77
	180	LXQ420VS181M25X30T2	25.4 x 30	1.842	0.97
	180	LXQ420VS181M25X35T2	25.4 x 35	1.842	1.01
	220	LXQ420VS221M25X40T2	25.4 x 40	1.507	1.14
	270	LXQ420VS271M25X45T2	25.4 x 45	1.228	1.29
	330	LXQ420VS331M25X50T2	25.4 x 50	1.005	1.44
	180	LXQ420VS181M30X25T2	30 x 25	1.842	1.02
	220	LXQ420VS221M30X30T2	30 x 30	1.507	1.14

*The case sizes in table are with no sleeve, refer to diagram for case sizes with sleeve.

Standard Voltage Ratings - VS/Snap Mount

Rated Voltage (WVDC)	Capacitance (µF)	Catalog Part Number	Nominal Case Size* D × L (mm)	Maximum ESR (Ω) at +20°C, 120Hz	Rated Ripple Current (A rms) at +105°C, 120Hz
420 Volts 470 Volts Surge	270	LXQ420VS271M30X35T2	30 × 35	1.228	1.30
	330	LXQ420VS331M30X40T2	30 × 40	1.005	1.48
	390	LXQ420VS391M30X45T2	30 × 45	0.85	1.64
	470	LXQ420VS471M30X50T2	30 × 50	0.705	1.84
	220	LXQ420VS221M35X25T2	35 × 25	1.507	1.22
	270	LXQ420VS271M35X30T2	35 × 30	1.228	1.38
	330	LXQ420VS331M35X35T2	35 × 35	1.005	1.54
	390	LXQ420VS391M35X40T2	35 × 40	0.85	1.73
	470	LXQ420VS471M35X45T2	35 × 45	0.705	1.94
	560	LXQ420VS561M35X50T2	35 × 50	0.592	2.17
450 Volts 500 Volts Surge	82	LXQ450VS82RM22X25T2	22 × 25	4.043	0.59
	100	LXQ450VS101M22X30T2	22 × 30	3.315	0.69
	120	LXQ450VS121M22X35T2	22 × 35	2.763	0.77
	150	LXQ450VS151M22X40T2	22 × 40	2.21	0.88
	150	LXQ450VS151M22X45T2	22 × 45	2.21	0.90
	180	LXQ450VS181M22X50T2	22 × 50	1.842	1.01
	100	LXQ450VS101M25X25T2	25.4 × 25	3.315	0.70
	150	LXQ450VS151M25X30T2	25.4 × 30	2.21	0.88
	150	LXQ450VS151M25X35T2	25.4 × 35	2.21	0.92
	180	LXQ450VS181M25X40T2	25.4 × 40	1.842	1.03
	220	LXQ450VS221M25X45T2	25.4 × 45	1.507	1.16
	270	LXQ450VS271M25X50T2	25.4 × 50	1.228	1.31
	150	LXQ450VS151M30X25T2	30 × 25	2.21	0.93
	180	LXQ450VS181M30X30T2	30 × 30	1.842	1.03
	220	LXQ450VS221M30X35T2	30 × 35	1.507	1.17
	270	LXQ450VS271M30X40T2	30 × 40	1.228	1.33
	330	LXQ450VS331M30X45T2	30 × 45	1.005	1.51
	390	LXQ450VS391M30X50T2	30 × 50	0.85	1.67
	180	LXQ450VS181M35X25T2	35 × 25	1.842	1.10
	220	LXQ450VS221M35X30T2	35 × 30	1.507	1.24
	270	LXQ450VS271M35X35T2	35 × 35	1.228	1.39
	390	LXQ450VS391M35X40T2	35 × 40	0.85	1.73
	390	LXQ450VS391M35X45T2	35 × 45	0.85	1.77
	470	LXQ450VS471M35X50T2	35 × 50	0.705	1.98

*The case sizes in table are with no sleeve, refer to diagram for case sizes with sleeve.