

LXR Series

◆STANDARD RATINGS

WV (Vdc)	Cap (μ F)	Case size ϕ DXL(mm)	$\tan\delta$	Rated ripple current (Arms/ 105°C, 120Hz)	Part No.
350	3,300	63.5 × 115	0.15	14.4	ELXR351LGC332MDB5M
	3,900	63.5 × 130	0.15	16.6	ELXR351LGC392MDD0M
	4,700	63.5 × 155	0.15	19.8	ELXR351LGC472MDF5M
	4,700	76.2 × 115	0.15	19.1	ELXR351LGC472MEB5M
	5,600	63.5 × 170	0.15	22.5	ELXR351LGC562MDH0M
	5,600	76.2 × 130	0.15	21.9	ELXR351LGC562MED0M
	6,800	76.2 × 155	0.15	26.2	ELXR351LGC682MEF5M
	8,200	76.2 × 170	0.15	30.0	ELXR351LGC822MEH0M
	8,200	89 × 155	0.15	29.2	ELXR351LGC822MFF5M
	10,000	89 × 170	0.15	33.7	ELXR351LGC103MFH0M
	12,000	100 × 190	0.15	37.8	ELXR351LGC123MGK0M
	15,000	100 × 250	0.15	47.7	ELXR351LGC153MGR0M
400	2,700	63.5 × 115	0.15	13.1	ELXR401LGC272MDB5M
	3,300	63.5 × 130	0.15	15.2	ELXR401LGC332MDD0M
	3,900	63.5 × 155	0.15	17.9	ELXR401LGC392MDF5M
	3,900	76.2 × 115	0.15	18.2	ELXR401LGC392MEB5M
	4,700	63.5 × 170	0.15	20.5	ELXR401LGC472MDH0M
	4,700	76.2 × 130	0.15	20.1	ELXR401LGC472MED0M
	5,600	76.2 × 155	0.15	23.8	ELXR401LGC562MEF5M

WV (Vdc)	Cap (μ F)	Case size ϕ DXL(mm)	$\tan\delta$	Rated ripple current (Arms/ 105°C, 120Hz)	Part No.
400	6,800	76.2 × 170	0.15	27.3	ELXR401LGC682MEH0M
	6,800	89 × 155	0.15	26.6	ELXR401LGC682MFF5M
	8,200	89 × 170	0.15	30.5	ELXR401LGC822MFH0M
	10,000	100 × 190	0.15	34.5	ELXR401LGC103MGK0M
	12,000	100 × 220	0.15	40.2	ELXR401LGC123MGN0M
450	2,200	63.5 × 115	0.15	11.8	ELXR451LGC222MDB5M
	2,700	63.5 × 130	0.15	13.7	ELXR451LGC272MDD0M
	2,700	76.2 × 115	0.15	14.5	ELXR451LGC272MEB5M
	3,300	63.5 × 155	0.15	16.5	ELXR451LGC332MDF5M
	3,300	76.2 × 130	0.15	16.9	ELXR451LGC332MED0M
	3,900	63.5 × 170	0.15	18.7	ELXR451LGC392MDH0M
	4,700	76.2 × 155	0.15	21.7	ELXR451LGC472MEF5M
	5,600	76.2 × 190	0.15	26.1	ELXR451LGC562MEK0M
	5,600	89 × 155	0.15	24.1	ELXR451LGC562MFF5M
	6,800	89 × 170	0.15	27.8	ELXR451LGC682MFH0M
	8,200	89 × 190	0.15	32.0	ELXR451LGC822MFK0M
	10,000	100 × 220	0.15	36.8	ELXR451LGC103MGN0M
	12,000	100 × 250	0.15	42.7	ELXR451LGC123MGR0M

◆RATED RIPPLE CURRENT MULTIPLIERS

●Frequency Multipliers

Frequency (Hz)	120	300	1k	3k
Coefficient	1.0	1.1	1.3	1.4

The endurance of capacitors is reduced with internal heating produced by ripple current at the rate of halving the lifetime with every 5 to 10°C rise. When long life performance is required in actual use, the rms ripple current has to be reduced. Also, for the LXR series capacitors, using them at operating voltage less than their rated voltage can extend their lifetime. For details, please contact a representative of Nippon Chemi-Con.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

United Chemi-Con (UCC):

[ELXR451LGC332MED0M](#) [ELXR451LGC822MFK0M](#) [ELXR451LGN822MFK0M](#) [ELXR351LGC392MDD0M](#)
[ELXR451LGC332MDF5M](#) [ELXR401LGC682MEH0M](#) [ELXR451LGN682MFH0M](#) [ELXR451LGC682MFH0M](#)
[ELXR401LGC472MED0M](#) [ELXR401LGN472MED0M](#) [ELXR451LGC272MDD0M](#) [ELXR451LGN562MEK0M](#)
[ELXR451LGC562MFF5M](#) [ELXR351LGC472MEB5M](#) [ELXR401LGC392MEB5M](#) [ELXR451LGC222MDB5M](#)
[ELXR351LGN332MDB5M](#) [ELXR351LGN472MDF5M](#) [ELXR351LGN392MDD0M](#) [ELXR451LGN272MEB5M](#)
[ELXR401LGN562MEF5M](#) [ELXR451LGN472MEF5M](#) [ELXR451LGN222MDB5M](#) [ELXR451LGN332MDF5M](#)
[ELXR451LGC472MEF5M](#) [ELXR401LGC272MDB5M](#)