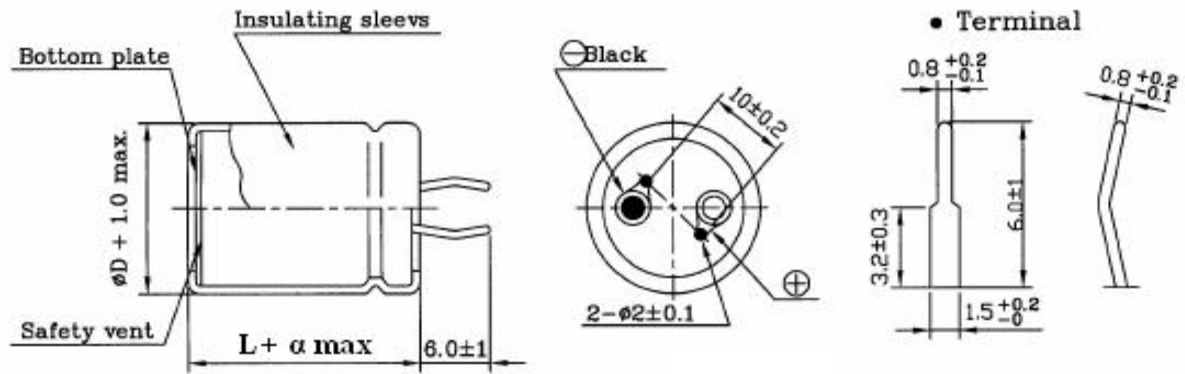




Pitch	10 mm
Construction	Radial/Snap-In
Capacitance tolerance	±20%

Voltage Range	10 ~ 100V	160 ~ 450V					
Capacitance Range	470 ~ 68000uF	47 ~ 2700uF					
Temperature Range	-40 ~ +85℃	-25 ~ +85℃					
Capacitance Tolerance	±20% at 120Hz, 20℃ (10% Tol. is available upon request)						
Leakage Current	I = 3√CV (uA) max C: Capacitance, V:W.V. (After 5 minutes)						
Dissipation Factor(tanδ) (at 20℃, 120Hz)	Less than the value under table (%)						
	uF \ W.V.	10 ~ 16	25 ~ 35	50 ~ 63	80 ~ 100	160 ~ 250	350 ~ 450
	47 ~ 390	-	-	-	-	15	20
	470 ~ 3900	25	20	20	20	15	20
	4700 ~ 8200	35	30	30	25		
	10000 ~ 22000	40	35	30	30		
	27000 ~ 47000	45	40	35			
	56000 ~ 68000	50	45				
Low Temperature Characteristics (at 120Hz)	Impedance ratio at 120Hz between the -25℃ or -40℃ value and 20℃ value shall not exceed :						
	Rated Voltage	10 ~ 16	25	35 ~ 63	100	160 ~ 250	400 ~ 450
	Z-25℃/Z 20℃	5	4	4	4	4	8
	Z-40℃/Z 20℃	15	15	12	12	-	-
Load Life	Following specifications shall meet when the capacitors are restored to 20℃ after rated working voltage applied for 2,000 hours at max. operating temperature with the rated ripple current applied.						
	Capacitance change ≤ ±20% of the initial value. Dissipation factor ≤ ±200% of the initial specified value Leakage current ≤ The initial specified value.						
Shelf Life	After storage for 1000 hours at 85℃ with no voltage applied, the capacitor shall meet the specified limit in load life. Pre-treatment for measurement shall be conducted after application of DC working voltage for 30 minutes.						



Multiplier for Ripple Current vs Frequency

Cap.(uF)\ (Hz)	60	120	1K	10K	50K - 100K
$10 < \text{Cap.} \leq 100$	0.8	1	1.36	1.48	1.53
$100 < \text{Cap.} \leq 1000$	0.8	1	1.25	1.35	1.38
$1000 < \text{Cap.}$	0.8	1	1.17	1.25	1.28

(mm)		
Dia	22 ~ 25	30 ~ 40
α	2	3

PRODUCT RANGE:

Art. Nr.	Capacitance	Rated voltage	Dimensions $\phi \times L$	Pitch
RND 150ELP153M25BB	15000 μF	25 V	25 x 40 mm	10 mm
RND 150ELP153M50BB	15000 μF	50 V	35 x 40 mm	10 mm
RND 150ELP221M2GBB	220 μF	400 V	25 x 40 mm	10 mm
RND 150ELP332M2ABB	3300 μF	100 V	30 x 40 mm	10 mm
RND 150ELP471M2GBB	470 μF	400 V	35 x 40 mm	10 mm

Art. Nr.	Capacitance	Rated voltage	Dimensions $\varnothing \times L$	Pitch
RND 150ELP470M2GBA	47 μ F	400 V	22 x 25 mm	10 mm
RND 150ELP470M2WBA	47 μ F	450 V	22 x 25 mm	10 mm
RND 150ELP680M2GBA	68 μ F	400 V	22 x 25 mm	10 mm
RND 150ELP680M2WBA	68 μ F	450 V	22 x 25 mm	10 mm
RND 150ELP101M2GBA	100 μ F	400 V	22 x 30 mm	10 mm
RND 150ELP101M2WBA	100 μ F	450 V	22 x 35 mm	10 mm
RND 150ELP151M2EBA	150 μ F	250 V	22 x 25 mm	10 mm
RND 150ELP151M2VBA	150 μ F	350 V	22 x 35 mm	10 mm
RND 150ELP151M2GBA	150 μ F	400 V	22 x 40 mm	10 mm
RND 150ELP151M2WBA	150 μ F	450 V	22 x 45 mm	10 mm
RND 150ELP221M2CBA	220 μ F	160 V	22 x 25 mm	10 mm
RND 150ELP221M2DBA	220 μ F	200 V	22 x 25 mm	10 mm
RND 150ELP221M2EBA	220 μ F	250 V	22 x 30 mm	10 mm
RND 150ELP221M2VBA	220 μ F	350 V	22 x 45 mm	10 mm
RND 150ELP221M2GBA	220 μ F	400 V	22 x 45 mm	10 mm
RND 150ELP221M2WBA	220 μ F	450 V	25 x 50 mm	10 mm
RND 150ELP331M2DBA	330 μ F	200 V	22 x 30 mm	10 mm
RND 150ELP331M2EBA	330 μ F	250 V	22 x 35 mm	10 mm
RND 150ELP331M2VBA	330 μ F	350 V	25 x 50 mm	10 mm
RND 150ELP331M2GBA	330 μ F	400 V	30 x 40 mm	10 mm
RND 150ELP331M2WBA	330 μ F	450 V	30 x 45 mm	10 mm
RND 150ELP471M2ABA	470 μ F	100 V	22 x 25 mm	10 mm
RND 150ELP471M2CBA	470 μ F	160 V	22 x 30 mm	10 mm
RND 150ELP471M2DBA	470 μ F	200 V	22 x 35 mm	10 mm
RND 150ELP471M2EBA	470 μ F	250 V	22 x 45 mm	10 mm
RND 150ELP471M2VBA	470 μ F	350 V	30 x 45 mm	10 mm
RND 150ELP471M2GBA	470 μ F	400 V	30 x 50 mm	10 mm
RND 150ELP471M2WBA	470 μ F	450 V	35 x 45 mm	10 mm
RND 150ELP681M2ABA	680 μ F	100 V	22 x 25 mm	10 mm
RND 150ELP681M2CBA	680 μ F	160 V	22 x 40 mm	10 mm
RND 150ELP681M2DBA	680 μ F	200 V	22 x 45 mm	10 mm
RND 150ELP681M2EBA	680 μ F	250 V	25 x 50 mm	10 mm
RND 150ELP681M2VBA	680 μ F	350 V	35 x 50 mm	10 mm
RND 150ELP681M2GBA	680 μ F	400 V	40 x 50 mm	10 mm
RND 150ELP102M80BA	1000 μ F	80 V	22 x 25 mm	10 mm
RND 150ELP102M2ABA	1000 μ F	100 V	22 x 30 mm	10 mm
RND 150ELP102M2CBA	1000 μ F	160 V	25 x 45 mm	10 mm
RND 150ELP102M2DBA	1000 μ F	200 V	25 x 50 mm	10 mm
RND 150ELP102M2EBA	1000 μ F	250 V	30 x 50 mm	10 mm
RND 150ELP152M2DBA	1500 μ F	200 V	30 x 50 mm	10 mm
RND 150ELP152M2EBA	1500 μ F	250 V	35 x 50 mm	10 mm
RND 150ELP222M35BA	2200 μ F	35 V	22 x 25 mm	10 mm
RND 150ELP222M50BA	2200 μ F	50 V	22 x 25 mm	10 mm
RND 150ELP222M63BA	2200 μ F	63 V	22 x 25 mm	10 mm

Art. Nr.	Capacitance	Rated voltage	Dimensions ø x L	Pitch
RND 150ELP222M80BA	2200 µF	80 V	22 x 40 mm	10 mm
RND 150ELP222M2ABA	2200 µF	100 V	22 x 50 mm	10 mm
RND 150ELP222M2CBA	2200 µF	160 V	35 x 45 mm	10 mm
RND 150ELP222M2DBA	2200 µF	200 V	35 x 50 mm	10 mm
RND 150ELP332M25BA	3300 µF	25 V	22 x 25 mm	10 mm
RND 150ELP332M35BA	3300 µF	35 V	22 x 25 mm	10 mm
RND 150ELP332M50BA	3300 µF	50 V	22 x 30 mm	10 mm
RND 150ELP332M63BA	3300 µF	63 V	22 x 40 mm	10 mm
RND 150ELP332M80BA	3300 µF	80 V	22 x 50 mm	10 mm
RND 150ELP332M2ABA	3300 µF	100 V	25 x 50 mm	10 mm
RND 150ELP472M16BA	4700 µF	16 V	22 x 25 mm	10 mm
RND 150ELP472M25BA	4700 µF	25 V	22 x 25 mm	10 mm
RND 150ELP472M35BA	4700 µF	35 V	22 x 30 mm	10 mm
RND 150ELP472M50BA	4700 µF	50 V	22 x 35 mm	10 mm
RND 150ELP472M63BA	4700 µF	63 V	25 x 45 mm	10 mm
RND 150ELP472M80BA	4700 µF	80 V	25 x 50 mm	10 mm
RND 150ELP472M2ABA	4700 µF	100 V	30 x 50 mm	10 mm
RND 150ELP682M16BA	6800 µF	16 V	22 x 25 mm	10 mm
RND 150ELP682M25BA	6800 µF	25 V	22 x 30 mm	10 mm
RND 150ELP682M35BA	6800 µF	35 V	22 x 35 mm	10 mm
RND 150ELP682M50BA	6800 µF	50 V	22 x 50 mm	10 mm
RND 150ELP682M63BA	6800 µF	63 V	25 x 50 mm	10 mm
RND 150ELP682M80BA	6800 µF	80 V	30 x 50 mm	10 mm
RND 150ELP682M2ABA	6800 µF	100 V	35 x 50 mm	10 mm
RND 150ELP103M16BA	10000 µF	16 V	22 x 30 mm	10 mm
RND 150ELP103M2ABA	10000 µF	100 V	35 x 80 mm	10 mm
RND 150ELP103M35BA	10000 µF	35 V	25 x 45 mm	10 mm
RND 150ELP103M50BA	10000 µF	50 V	25 x 50 mm	10 mm
RND 150ELP103M63BA	10000 µF	63 V	35 x 50 mm	10 mm
RND 150ELP103M80BA	10000 µF	80 V	35 x 55 mm	10 mm
RND 150ELP153M16BA	15000 µF	16 V	22 x 35 mm	10 mm
RND 150ELP153K25BA	15000 µF	25 V	22 x 50 mm	10 mm
RND 150ELP153M25BA	15000 µF	25 V	22 x 50 mm	10 mm
RND 150ELP153M35BA	15000 µF	35 V	25 x 50 mm	10 mm
RND 150ELP153M50BA	15000 µF	50 V	30 x 50 mm	10 mm
RND 150ELP223M16BA	22000 µF	16 V	22 x 45 mm	10 mm
RND 150ELP223M25BA	22000 µF	25 V	25 x 50 mm	10 mm
RND 150ELP223M35BA	22000 µF	35 V	30 x 45 mm	10 mm
RND 150ELP223M50BA	22000 µF	50 V	35 x 50 mm	10 mm
RND 150ELP333M16BA	33000 µF	16 V	25 x 50 mm	10 mm
RND 150ELP473M25BA	47000 µF	25 V	35 x 50 mm	10 mm
RND 150ELP101M2GGB	100 µF	400 V	25 x 25 mm	10 mm
RND 150ELP103M50BB	10000 µF	50 V	35 x 40 mm	10 mm
RND 150ELP103M50BC	10000 µF	50 V	30 x 40 mm	10 mm
RND 150ELP151M2GBC	150 µF	400 V	30 x 25 mm	10 mm