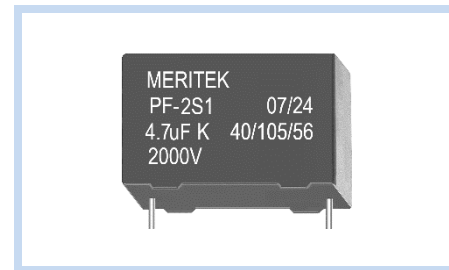


FEATURE

- Double Metallized PP Film, Self-Healing Property
- High Voltage, High Ripple Current Capability
- Low Losses, High Frequency Performance
- Applications: Pulse Circuit, Switch-Mode Power Supply, Snubber, SCR and IGBT Modules, High Frequency AC Loads
- THB-2000H, 85°C, 85% RH, VR, 2000h
- AEC-Q200 Compliant



ELECTRICAL CHARACTERISTICS

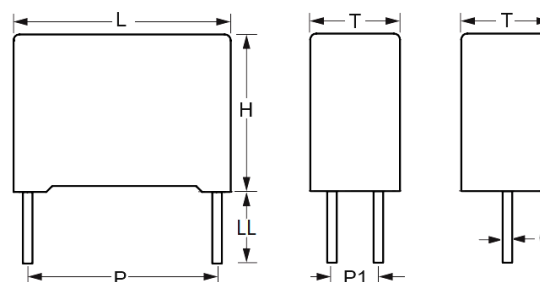
Item	Characteristic				
Operating Temperature	-55~+125°C (105°C~+125°C Decreasing factor 1.25% per °C for Rated Voltage)				
Capacitance Range	0.001 μF~4.7 μF, ±5%(J), ±10%(K) at +25°C				
Climatic Category	55/105/56 IEC60068-1				
Dissipation Factor	0.001, at 1KHz; at 25°C				
DC Operating Voltage	630VDC / 400VAC	1000VDC / 600VAC	1300VDC / 620VAC	1600VDC / 650VAC	2000VDC / 700VAC
Max Ripple Current	2.1~16A	2~16.8A	2.1~15.5A	1.5~16.2A	0.7~14.9A
Overvoltage	110% of Vr	115%	120%	130%	Max duration Per day
	30% of On-Load	30mins	5mins	1min	
Insulation Resistance	R > 100,000MΩ for C ≤ 0.33 μF		Between leads, at 100 V, 60 sec		
	RC> 30,000MΩ*μF for C > 0.33 μF		Between leads, at 100 V, 60 sec		
Withstanding Voltage	(1.5* VR) VDC for 10sec		Between Terminal, at 25°C±5°C		
	3000VAC, for 60sec		Between Terminal and Case, at 20 ±2°C		
Self-inductance	<1nH		per mm of lead spacing		
Life Expectancy	100,000 hours		at hot spot temperature T _{HS}		

DIMENSIONS

No of Pin	P ± 0.5 mm	d ± 0.05 mm	L ± 0.5 mm
2-pin	15.0	0.8	18
2-pin	22.5	0.8	26
2-pin	27.5	0.8, 1.0	32
2-pin	37.5	1.0	42

Note:

1. L ± 1.0 mm, H ± 1 mm, T ± 1 mm, See the table below for dimension
2. LL Options: 3mm, 4mm, 5mm, 7mm, 15mm Min
3. Pitch Code: 15mm(1), 22.5mm(A), 27.5mm(2), 37.5mm(3)



PART NUMBERING SYSTEM

PF 684K 20 320 2S1 5
(1) (2) (3) (4) (5) (6)

No	Item	Code	Description	
(1)	Product Code	PF	Power Film Capacitor, Metallized PP Film	
(2)	Nominal Capacitance	684K	0.68 μ F $\pm 10\%$ (K)	First two digits: Significant, Third: Multiplier
(3)	Rated DC Voltage Code	20	20: 2000VDC	First two digits of Operating DC Voltage, V _{NDC}
(4)	Internal Code	320	3: 37.5mm pitch, 2: 2pins, 0: Case Code	See the electrical specification table below
(5)	Series Code	2S1	Pulse Capacitor Series, Box Type, THB-2000H, 85°C, 85% RH, VR, 2000h AEC-Q200	
(6)	Option Code	5	5: LL 5mm Bulk package	Blank: LL: 15mm min, 4: LL 4mm, Bulk package

ELECTRICAL SPECIFICATION – 630VDC (63) / 400VAC

CAP	Dimensions (mm)					dv/dt	Peak Current	Surge Current	ESR 100KHz	ESL	Thermal Res	Irms 100KHz 70°C	No of Pin	Part Number
(uF)	L	H	T	P	d	(V/us)	(A)	(A)	(mΩ)	(nH)	(°C/W)	(A)		
0.010	18.0	11.0	5.0	15.0	0.8	3000	30	90	73.6	10	60.6	2.1	2	PF103%631202S1x
0.012	18.0	11.0	5.0	15.0	0.8	3000	36	108	61.4	10	60.6	2.3	2	PF123%631202S1x
0.015	18.0	11.0	5.0	15.0	0.8	3000	45	135	49.1	10	60.6	2.6	2	PF153%631202S1x
0.018	18.0	11.0	5.0	15.0	0.8	3000	54	162	40.9	10	60.6	2.8	2	PF183%631202S1x
0.020	18.0	11.0	5.0	15.0	0.8	3000	60	180	36.8	10	60.6	3.0	2	PF203%631202S1x
0.022	18.0	11.0	5.0	15.0	0.8	3000	66	198	33.5	10	60.6	3.1	2	PF223%631202S1x
0.027	18.0	12.0	6.0	15.0	0.8	3000	81	243	27.3	10	55.6	3.6	2	PF273%631202S1x
0.033	18.0	12.0	6.0	15.0	0.8	3000	99	297	22.3	10	55.6	4.0	2	PF333%631202S1x
0.039	18.0	12.0	6.0	15.0	0.8	3000	117	351	18.9	10	55.6	4.4	2	PF393%631202S1x
0.047	18.0	13.5	7.5	15.0	0.8	3000	141	423	15.7	10	51.3	5.0	2	PF473%631202S1x
0.056	18.0	13.5	7.5	15.0	0.8	3000	168	504	13.1	10	51.3	5.4	2	PF563%631202S1x
0.068	18.0	14.5	8.5	15.0	0.8	3000	204	612	13.0	10	48.8	5.6	2	PF683%631202S1x
0.082	18.0	16.0	10.0	15.0	0.8	3000	246	738	10.8	10	44.4	6.5	2	PF823%631202S1x
0.10	18.0	16.0	10.0	15.0	0.8	3000	300	900	8.8	10	44.4	7.1	2	PF104%631202S1x
0.12	18.0	19.0	11.0	15.0	0.8	3000	360	1080	7.4	10	40.0	8.2	2	PF124%631202S1x
0.047	26.0	15.5	6.0	22.5	0.8	1500	71	212	32.2	16	43.5	3.8	2	PF473%63A202S1x
0.056	26.0	15.5	6.0	22.5	0.8	1500	84	252	27.0	16	43.5	4.1	2	PF563%63A202S1x
0.068	26.0	15.5	6.0	22.5	0.8	1500	102	306	22.2	16	43.5	4.5	2	PF683%63A202S1x
0.082	26.0	15.5	6.0	22.5	0.8	1500	123	369	18.4	16	43.5	5.0	2	PF823%63A202S1x
0.10	26.0	15.5	6.0	22.5	0.8	1500	150	450	15.1	16	43.5	5.5	2	PF104%63A202S1x
0.12	26.0	16.5	7.0	22.5	0.8	1500	180	540	12.6	16	41.7	6.2	2	PF124%63A202S1x
0.15	26.0	17.0	8.5	22.5	0.8	1500	225	675	10.1	16	40.0	7.0	2	PF154%63A202S1x
0.18	26.0	17.0	8.5	22.5	0.8	1500	270	810	9.8	16	40.0	7.1	2	PF184%63A202S1x
0.22	26.0	19.0	10.0	22.5	0.8	1500	330	990	9.2	16	35.1	7.9	2	PF224%63A202S1x
0.27	26.0	20.0	11.0	22.5	0.8	1500	405	1215	11.2	16	33.9	7.3	2	PF274%63A202S1x
0.33	26.0	20.0	11.0	22.5	0.8	1500	495	1485	9.2	16	33.9	8.0	2	PF334%63A202S1x
0.39	26.0	22.0	12.0	22.5	0.8	1500	585	1755	7.8	16	32.3	8.9	2	PF394%63A202S1x
0.15	32.0	17.0	8.0	27.5	0.8	900	135	405	19.6	18	35.7	5.4	2	PF154%632202S1x
0.18	32.0	17.0	8.0	27.5	0.8	900	162	486	16.3	18	35.7	5.9	2	PF184%632202S1x
0.22	32.0	18.0	9.0	27.5	0.8	900	198	594	11.4	18	41.7	6.5	2	PF224%632202S1x
0.27	32.0	20.0	11.0	27.5	0.8	900	243	729	9.3	18	35.7	7.8	2	PF274%632202S1x
0.33	32.0	20.0	11.0	27.5	0.8	900	297	891	7.6	18	35.7	8.6	2	PF334%632202S1x
0.39	32.0	20.0	11.0	27.5	0.8	900	351	1053	6.4	18	35.7	9.3	2	PF394%632202S1x
0.47	32.0	22.0	13.0	27.5	0.8	900	423	1269	6.2	18	33.3	9.8	2	PF474%632202S1x
0.56	32.0	22.0	13.0	27.5	0.8	900	504	1512	5.2	18	33.3	10.7	2	PF564%632202S1x
0.68	32.0	24.5	13.0	27.5	0.8	900	612	1836	4.9	18	31.3	11.4	2	PF684%632202S1x
0.82	32.0	28.0	14.0	27.5	0.8	900	738	2214	4.6	18	27.8	12.5	2	PF824%632202S1x
1.0	32.0	33.0	18.0	27.5	0.8	900	900	2700	5.0	18	21.7	13.5	2	PF105%632202S1x
1.2	32.0	33.0	18.0	27.5	0.8	900	1080	3240	5.6	18	21.7	12.8	2	PF125%632202S1x
1.5	32.0	37.0	22.0	27.5	1.0	900	1350	4050	5.6	18	17.2	14.4	2	PF155%632202S1x
1.8	32.0	37.0	22.0	27.5	1.0	900	1620	4860	5.4	18	17.2	14.7	2	PF185%632202S1x
0.33	42.0	22.0	11.0	37.5	1.0	500	165	495	8.9	20	30.3	8.6	2	PF334%633202S1x
0.47	42.0	22.0	11.0	37.5	1.0	500	235	705	6.2	20	30.3	10.3	2	PF474%633202S1x
0.56	42.0	22.0	11.0	37.5	1.0	500	280	840	5.2	20	30.3	11.2	2	PF564%633202S1x
0.68	42.0	22.0	11.0	37.5	1.0	500	340	1020	5.7	20	30.3	10.7	2	PF684%633202S1x
0.82	42.0	28.5	16.0	37.5	1.0	500	410	1230	7.1	20	20.0	11.8	2	PF824%633202S1x
1.0	42.0	28.5	16.0	37.5	1.0	500	500	1500	6.8	20	20.0	12.1	2	PF105%633202S1x
1.5	42.0	28.5	16.0	37.5	1.0	500	750	2250	5.9	20	20.0	13.1	2	PF155%633202S1x
1.8	42.0	32.0	19.0	37.5	1.0	500	900	2700	6.0	20	17.9	13.7	2	PF185%633202S1x
2.2	42.0	40.0	20.0	37.5	1.0	500	1100	3300	7.1	20	13.9	14.2	2	PF225%633202S1x
2.7	42.0	40.0	20.0	37.5	1.0	500	1350	4050	6.5	20	13.9	14.9	2	PF275%633202S1x
3.3	42.0	44.0	24.0	37.5	1.0	500	1650	4950	7.1	20	12.2	15.2	2	PF335%633202S1x
3.9	42.0	45.0	30.0	37.5	1.0	500	1950	5850	8.0	20	10.0	15.8	2	PF395%633202S1x
4.7	42.0	50.0	35.0	37.5	1.0	500	2350	7050	9.3	20	8.3	16.0	2	PF475%633202S1x

Note: % denoted to tolerance: ±5%(J), ±10%(K) at 25°C, x denoted to option code, see the parts number system

ELECTRICAL SPECIFICATION – 1000VDC (10) /600VAC

CAP	Dimensions (mm)					dv/dt	Peak Current	Surge Current	ESR 100KHz	ESL	Thermal Res	Irms 100KHz 70°C	No of Pin	Part Number
(uF)	L	H	T	P	d	(V/us)	(A)	(A)	(mΩ)	(nH)	(°C/W)	(A)		
0.0082	18.0	11.0	5.0	15.0	0.8	3500	29	86	79.8	10	60.6	2.0	2	PF822%101202S1x
0.010	18.0	11.0	5.0	15.0	0.8	3500	35	105	65.4	10	60.6	2.2	2	PF103%101202S1x
0.012	18.0	11.0	5.0	15.0	0.8	3500	42	126	54.5	10	60.6	2.5	2	PF123%101202S1x
0.015	18.0	11.0	5.0	15.0	0.8	3500	53	158	43.6	10	60.6	2.8	2	PF153%101202S1x
0.018	18.0	11.0	5.0	15.0	0.8	3500	63	189	36.4	10	60.6	3.0	2	PF183%101202S1x
0.020	18.0	12.0	6.0	15.0	0.8	3500	70	210	32.7	10	55.6	3.3	2	PF203%101202S1x
0.022	18.0	12.0	6.0	15.0	0.8	3500	77	231	29.7	10	55.6	3.5	2	PF223%101202S1x
0.027	18.0	13.5	7.5	15.0	0.8	3500	95	284	24.2	10	51.3	4.0	2	PF273%101202S1x
0.033	18.0	13.5	7.5	15.0	0.8	3500	116	347	19.8	10	51.3	4.4	2	PF333%101202S1x
0.039	18.0	14.5	8.5	15.0	0.8	3500	137	410	16.8	10	48.8	4.9	2	PF393%101202S1x
0.047	18.0	14.5	8.5	15.0	0.8	3500	165	494	13.9	10	48.8	5.4	2	PF473%101202S1x
0.027	26.0	15.5	6.0	22.5	0.8	2100	57	170	37.3	16	43.5	3.5	2	PF273%10A202S1x
0.033	26.0	15.5	6.0	22.5	0.8	2100	69	208	25.5	16	43.5	4.3	2	PF333%10A202S1x
0.039	26.0	15.5	6.0	22.5	0.8	2100	82	246	21.6	16	43.5	4.6	2	PF393%10A202S1x
0.047	26.0	16.5	7.0	22.5	0.8	2100	99	296	17.9	16	41.7	5.2	2	PF473%10A202S1x
0.056	26.0	16.5	7.0	22.5	0.8	2100	118	353	18.0	16	41.7	5.2	2	PF563%10A202S1x
0.068	26.0	17.0	8.5	22.5	0.8	2100	143	428	17.3	16	40.0	5.4	2	PF683%10A202S1x
0.082	26.0	19.0	10.0	22.5	0.8	2100	172	517	14.3	16	35.1	6.3	2	PF823%10A202S1x
0.10	26.0	19.0	10.0	22.5	0.8	2100	210	630	11.8	16	35.1	7.0	2	PF104%10A202S1x
0.12	26.0	20.0	11.0	22.5	0.8	2100	252	756	9.8	16	33.9	7.8	2	PF124%10A202S1x
0.15	26.0	22.0	12.0	22.5	0.8	2100	315	945	7.8	16	32.3	8.9	2	PF154%10A202S1x
0.10	32.0	17.0	8.0	27.5	0.8	1000	100	300	14.0	18	35.7	6.3	2	PF104%102722S1x
0.12	32.0	18.0	9.0	27.5	0.8	1000	120	360	11.6	18	41.7	6.4	2	PF124%102202S1x
0.15	32.0	20.0	11.0	27.5	0.8	1000	150	450	9.3	18	35.7	7.8	2	PF154%102202S1x
0.18	32.0	22.0	13.0	27.5	0.8	1000	180	540	9.3	18	33.3	8.0	2	PF184%102202S1x
0.22	32.0	22.0	13.0	27.5	0.8	1000	A20	660	8.9	18	33.3	8.2	2	PF224%102202S1x
0.27	32.0	24.5	13.0	27.5	0.8	1000	270	810	7.2	18	31.3	9.4	2	PF274%102202S1x
0.33	32.0	28.0	14.0	27.5	0.8	1000	330	990	7.6	18	27.8	9.7	2	PF334%102202S1x
0.39	32.0	33.0	18.0	27.5	0.8	1000	390	1170	7.9	18	21.7	10.8	2	PF394%102202S1x
0.47	32.0	33.0	18.0	27.5	0.8	1000	470	1410	7.1	18	21.7	11.4	2	PF474%102202S1x
0.56	32.0	37.0	22.0	27.5	1.0	1000	560	1680	7.0	18	17.2	12.9	2	PF564%102202S1x
0.68	32.0	37.0	22.0	27.5	1.0	1000	680	2040	6.2	18	17.2	13.7	2	PF684%102202S1x
0.18	42.0	22.0	11.0	37.5	1.0	500	90	270	14.5	20	30.3	6.8	2	PF184%103202S1x
0.22	42.0	22.0	11.0	37.5	1.0	500	110	330	11.8	20	30.3	7.5	2	PF224%103202S1x
0.27	42.0	24.0	13.0	37.5	1.0	500	135	405	9.6	20	27.8	8.6	2	PF274%103202S1x
0.33	42.0	24.0	13.0	37.5	1.0	500	165	495	7.9	20	27.8	9.6	2	PF334%103202S1x
0.39	42.0	28.0	17.0	37.5	1.0	500	195	585	10.0	20	20.0	10.0	2	PF394%103202S1x
0.47	42.0	28.0	17.0	37.5	1.0	500	235	705	9.7	20	20.0	10.2	2	PF474%103202S1x
0.56	42.0	28.0	17.0	37.5	1.0	500	280	840	8.1	20	20.0	11.1	2	PF564%103202S1x
0.68	42.0	32.0	19.0	37.5	1.0	500	340	1020	6.7	20	17.9	12.9	2	PF684%103202S1x
0.82	42.0	40.0	20.0	37.5	1.0	500	410	1230	7.9	20	13.9	13.5	2	PF824%103202S1x
1.0	42.0	40.0	20.0	37.5	1.0	500	500	1500	7.8	20	13.9	13.6	2	PF105%103202S1x
1.2	42.0	44.0	24.0	37.5	1.0	500	600	1800	7.6	20	12.2	14.7	2	PF125%103202S1x
1.5	42.0	44.0	24.0	37.5	1.0	500	750	2250	6.5	20	12.2	15.9	2	PF155%103202S1x
1.8	42.0	45.0	30.0	37.5	1.0	500	900	2700	7.2	20	10.0	16.6	2	PF185%103202S1x
2.2	42.0	45.0	30.0	37.5	1.0	500	1100	3300	7.1	20	10.0	16.8	2	PF225%103202S1x

Note: % denoted to tolerance: ±5%(J), ±10%(K) at 25°C, x denoted to option code, see the parts number system

ELECTRICAL SPECIFICATION – 1300VDC(13) / 620VAC

CAP	Dimensions (mm)					dv/dt	Peak Current	Surge Current	ESR 100KHz	ESL	Thermal Res	Irms 100KHz 70°C	No of Pin	Part Number
(uF)	L	H	T	P	d	(V/us)	(A)	(A)	(mΩ)	(nH)	(°C/W)	(A)		
0.0082	18.0	11.0	5.0	15.0	0.8	3500	29	86	73.6	10	60.6	2.1	2	PF822%131202S1x
0.010	18.0	11.0	5.0	15.0	0.8	3500	35	105	60.4	10	60.6	2.3	2	PF103%131202S1x
0.012	18.0	11.0	5.0	15.0	0.8	3500	42	126	50.3	10	60.6	2.6	2	PF123%131202S1x
0.015	18.0	11.0	5.0	15.0	0.8	3500	53	158	40.2	10	60.6	2.9	2	PF153%131202S1x
0.018	18.0	12.0	6.0	15.0	0.8	3500	63	189	33.5	10	55.6	3.3	2	PF183%131202S1x
0.02	18.0	12.0	6.0	15.0	0.8	3500	70	210	30.2	10	55.6	3.5	2	PF203%131202S1x
0.022	18.0	13.0	7.0	15.0	0.8	3500	77	231	27.4	10	52.6	3.7	2	PF223%131202S1x
0.027	18.0	13.5	7.5	15.0	0.8	3500	95	284	22.3	10	51.3	4.2	2	PF273%131202S1x
0.033	18.0	14.5	8.5	15.0	0.8	3500	116	347	18.3	10	48.8	4.7	2	PF333%131202S1x
0.039	18.0	16.0	9.0	15.0	0.8	3500	137	410	15.5	10	45.5	5.3	2	PF393%131202S1x
0.047	18.0	16.0	10.0	15.0	0.8	3500	165	494	12.8	10	44.4	5.9	2	PF473%131202S1x
0.056	18.0	19.0	11.0	15.0	0.8	3500	196	588	10.8	10	40.0	6.8	2	PF563%131202S1x
0.027	26.0	15.5	6.0	22.5	0.8	2100	57	170	36.9	16	43.5	3.5	2	PF273%13222S1x
0.033	26.0	15.5	6.0	22.5	0.8	2100	69	208	25.2	16	43.5	4.3	2	PF333%13A202S1x
0.039	26.0	15.5	6.0	22.5	0.8	2100	82	246	21.3	16	43.5	4.6	2	PF393%13A202S1x
0.047	26.0	16.5	7.0	22.5	0.8	2100	99	296	17.7	16	41.7	5.2	2	PF473%13A202S1x
0.056	26.0	16.5	7.0	22.5	0.8	2100	118	353	17.8	16	41.7	5.2	2	PF563%13A202S1x
0.068	26.0	17.0	8.5	22.5	0.8	2100	143	428	17.1	16	40.0	5.4	2	PF683%13A202S1x
0.082	26.0	19.0	10.0	22.5	0.8	2100	172	517	14.2	16	35.1	6.3	2	PF823%13A202S1x
0.10	26.0	19.0	10.0	22.5	0.8	2100	210	630	11.6	16	35.1	7.0	2	PF104%13A202S1x
0.12	26.0	20.0	11.0	22.5	0.8	2100	252	756	9.7	16	33.9	7.8	2	PF124%13A202S1x
0.15	26.0	22.0	12.0	22.5	0.8	2100	315	945	7.8	16	32.3	8.9	2	PF154%13A202S1x
0.18	26.0	24.5	13.0	22.5	0.8	2100	378	1134	7.4	16	31.3	9.3	2	PF184%13A202S1x
0.22	26.0	29.5	14.5	22.5	0.8	2100	462	1386	6.8	16	28.6	10.1	2	PF224%13A202S1x
0.10	32.0	17.0	8.0	27.5	0.8	1000	100	300	13.6	18	35.7	6.4	2	PF104%132202S1x
0.12	32.0	18.0	9.0	27.5	0.8	1000	120	360	11.3	18	41.7	6.5	2	PF124%132202S1x
0.15	32.0	20.0	11.0	27.5	0.8	1000	150	450	9.1	18	35.7	7.9	2	PF154%132202S1x
0.18	32.0	22.0	13.0	27.5	0.8	1000	180	540	9.1	18	33.3	8.1	2	PF184%132202S1x
0.22	32.0	22.0	13.0	27.5	0.8	1000	A20	660	8.6	18	33.3	8.3	2	PF224%132202S1x
0.27	32.0	24.0	14.0	27.5	0.8	1000	270	810	7.0	18	29.4	9.8	2	PF274%132202S1x
0.33	32.0	28.0	14.0	27.5	0.8	1000	330	990	7.4	18	27.8	9.9	2	PF334%132202S1x
0.39	32.0	30.0	16.0	27.5	0.8	1000	390	1170	7.7	18	26.3	10.0	2	PF394%132202S1x
0.47	32.0	33.0	18.0	27.5	0.8	1000	470	1410	6.9	18	21.7	11.5	2	PF474%132202S1x
0.56	32.0	37.0	22.0	27.5	1.0	1000	560	1680	6.8	18	17.2	13.1	2	PF564%132202S1x
0.68	32.0	37.0	22.0	27.5	1.0	1000	680	2040	6.0	18	17.2	13.9	2	PF684%132202S1x
0.18	42.0	22.0	11.0	37.5	1.0	500	90	270	13.8	20	30.3	6.9	2	PF184%133202S1x
0.22	42.0	22.0	11.0	37.5	1.0	500	110	330	11.3	20	30.3	7.6	2	PF224%133202S1x
0.27	42.0	24.0	13.0	37.5	1.0	500	135	405	9.2	20	27.8	8.8	2	PF274%133202S1x
0.33	42.0	24.0	13.0	37.5	1.0	500	165	495	7.5	20	27.8	9.8	2	PF334%133202S1x
0.39	42.0	28.0	17.0	37.5	1.0	500	195	585	9.6	20	20.0	10.2	2	PF394%133202S1x
0.47	42.0	28.0	17.0	37.5	1.0	500	235	705	9.3	20	20.0	10.4	2	PF474%133202S1x
0.56	42.0	28.0	17.0	37.5	1.0	500	280	840	7.8	20	20.0	11.3	2	PF564%133202S1x
0.68	42.0	32.0	19.0	37.5	1.0	500	340	1020	6.4	20	17.9	13.2	2	PF684%133202S1x
0.82	42.0	40.0	20.0	37.5	1.0	500	410	1230	7.6	20	13.9	13.8	2	PF824%133202S1x
1.0	42.0	40.0	20.0	37.5	1.0	500	500	1500	7.5	20	13.9	13.9	2	PF105%133202S1x
1.2	42.0	44.0	24.0	37.5	1.0	500	600	1800	8.3	20	12.2	14.1	2	PF125%133202S1x
1.5	42.0	43.0	28.0	37.5	1.0	500	750	2250	7.5	20	11.8	15.1	2	PF155%133202S1x
1.8	42.0	45.0	30.0	37.5	1.0	500	900	2700	8.3	20	10.0	15.5	2	PF185%133202S1x

Note: % denoted to tolerance: ±5%(J), ±10%(K) at 25°C, x denoted to option code, see the parts number system

ELECTRICAL SPECIFICATION – 1600VDC(16) / 650VAC

CAP	Dimensions (mm)					dv/dt	Peak Current	Surge Current	ESR 100KHz	ESL	Thermal Res	Irms 100KHz 70°C	No of Pin	Part Number
(uF)	L	H	T	P	d	(V/us)	(A)	(A)	(mΩ)	(nH)	(°C/W)	(A)		
0.0033	18.0	11.0	5.0	15.0	0.8	6000	20	59	148.8	10	60.6	1.5	2	PF332%161202S1x
0.0047	18.0	11.0	5.0	15.0	0.8	6000	28	85	104.4	10	60.6	1.8	2	PF472%161202S1x
0.0056	18.0	11.0	5.0	15.0	0.8	6000	34	101	87.6	10	60.6	1.9	2	PF562%161202S1x
0.0068	18.0	11.0	5.0	15.0	0.8	6000	41	122	76.9	10	60.6	2.1	2	PF682%161202S1x
0.0082	18.0	11.0	5.0	15.0	0.8	6000	49	148	63.8	10	60.6	2.3	2	PF822%161202S1x
0.010	18.0	11.0	5.0	15.0	0.8	6000	60	180	52.3	10	60.6	2.5	2	PF103%161202S1x
0.012	18.0	12.0	6.0	15.0	0.8	6000	72	216	43.6	10	55.6	2.9	2	PF123%161202S1x
0.015	18.0	12.0	6.0	15.0	0.8	6000	90	270	39.2	10	55.6	3.0	2	PF153%161202S1x
0.018	18.0	13.5	7.5	15.0	0.8	6000	108	324	32.7	10	51.3	3.5	2	PF183%161202S1x
0.022	18.0	13.5	7.5	15.0	0.8	6000	132	396	26.7	10	51.3	3.8	2	PF223%161202S1x
0.027	18.0	14.5	8.5	15.0	0.8	6000	162	486	21.8	10	48.8	4.3	2	PF273%161202S1x
0.033	18.0	14.5	8.5	15.0	0.8	6000	198	594	17.8	10	48.8	4.8	2	PF333%161202S1x
0.015	26.0	15.5	6.0	22.5	0.8	3000	45	135	54.1	16	43.5	2.9	2	PF153%16A202S1x
0.022	26.0	15.5	6.0	22.5	0.8	3000	66	198	36.8	16	43.5	3.5	2	PF223%16A202S1x
0.033	26.0	15.5	6.0	22.5	0.8	3000	99	297	24.6	16	43.5	4.3	2	PF333%16A202S1x
0.039	26.0	16.5	7.0	22.5	0.8	3000	117	351	20.8	16	41.7	4.8	2	PF393%16A202S1x
0.047	26.0	16.5	7.0	22.5	0.8	3000	141	423	17.2	16	41.7	5.3	2	PF473%16A202S1x
0.056	26.0	17.0	8.5	22.5	0.8	3000	168	504	16.9	16	40.0	5.4	2	PF563%16A202S1x
0.068	26.0	19.0	10.0	22.5	0.8	3000	204	612	13.9	16	35.1	6.4	2	PF683%16A202S1x
0.082	26.0	19.0	10.0	22.5	0.8	3000	246	738	13.2	16	35.1	6.6	2	PF823%16A202S1x
0.100	26.0	20.0	11.0	22.5	0.8	3000	300	900	10.8	16	33.9	7.4	2	PF104%16A202S1x
0.039	32.0	17.0	8.0	27.5	0.8	2000	78	234	28.3	18	35.7	4.4	2	PF393%162202S1x
0.047	32.0	17.0	8.0	27.5	0.8	2000	94	282	23.5	18	35.7	4.9	2	PF473%162202S1x
0.056	32.0	17.0	8.0	27.5	0.8	2000	112	336	19.7	18	35.7	5.3	2	PF563%162202S1x
0.068	32.0	18.0	9.0	27.5	0.8	2000	136	408	16.2	18	41.7	5.4	2	PF683%162202S1x
0.082	32.0	20.0	11.0	27.5	0.8	2000	164	492	13.5	18	35.7	6.4	2	PF823%162202S1x
0.10	32.0	22.0	13.0	27.5	0.8	2000	200	600	11.0	18	33.3	7.4	2	PF104%162202S1x
0.12	32.0	22.0	13.0	27.5	0.8	2000	240	720	11.0	18	33.3	7.4	2	PF124%162202S1x
0.15	32.0	24.5	13.0	27.5	0.8	2000	300	900	10.3	18	31.3	7.9	2	PF154%162202S1x
0.18	32.0	28.0	14.0	27.5	0.8	2000	360	1080	11.0	18	27.8	8.1	2	PF184%162202S1x
0.22	32.0	33.0	18.0	27.5	0.8	2000	440	1320	11.0	18	21.7	9.1	2	PF224%162202S1x
0.27	32.0	33.0	18.0	27.5	0.8	2000	540	1620	9.8	18	21.7	9.7	2	PF274%162202S1x
0.33	32.0	33.0	18.0	27.5	0.8	2000	660	1980	9.4	18	21.7	9.9	2	PF334%162202S1x
0.39	32.0	37.0	22.0	27.5	1.0	2000	780	2340	10.2	18	17.2	10.7	2	PF394%162202S1x
0.47	32.0	37.0	22.0	27.5	1.0	2000	940	2820	8.5	18	17.2	11.7	2	PF474%162202S1x
0.082	42.0	22.0	11.0	37.5	1.0	1200	98	295	18.5	20	30.3	6.0	2	PF823%163202S1x
0.10	42.0	22.0	11.0	37.5	1.0	1200	120	360	15.2	20	30.3	6.6	2	PF104%163202S1x
0.12	42.0	22.0	11.0	37.5	1.0	1200	144	432	12.6	20	30.3	7.2	2	PF124%163202S1x
0.15	42.0	22.0	11.0	37.5	1.0	1200	180	540	13.5	20	30.3	7.0	2	PF154%163202S1x
0.18	42.0	24.0	13.0	37.5	1.0	1200	216	648	14.0	20	27.8	7.2	2	PF184%163202S1x
0.22	42.0	24.0	13.0	37.5	1.0	1200	264	792	11.5	20	27.8	7.9	2	PF224%163202S1x
0.27	42.0	24.0	13.0	37.5	1.0	1200	324	972	9.4	20	27.8	8.8	2	PF274%163202S1x
0.33	42.0	28.5	16.0	37.5	1.0	1200	396	1188	9.2	20	20.0	10.4	2	PF334%163202S1x
0.39	42.0	28.5	16.0	37.5	1.0	1200	468	1404	9.1	20	20.0	10.5	2	PF394%163202S1x
0.47	42.0	32.0	19.0	37.5	1.0	1200	564	1692	8.6	20	17.9	11.4	2	PF474%163202S1x
0.56	42.0	40.0	20.0	37.5	1.0	1200	672	2016	9.0	20	13.9	12.6	2	PF564%163202S1x
0.68	42.0	40.0	20.0	37.5	1.0	1200	816	2448	8.9	20	13.9	12.7	2	PF684%163202S1x
0.82	42.0	44.0	24.0	37.5	1.0	1200	984	2952	8.6	20	12.2	13.8	2	PF824%163202S1x
1.0	42.0	44.0	24.0	37.5	1.0	1200	1200	3600	8.1	20	12.2	14.2	2	PF105%163202S1x
1.2	42.0	45.0	30.0	37.5	1.0	1200	1440	4320	7.6	20	10.0	16.2	2	PF125%163202S1x

Note: % denoted to tolerance: ±5%(J), ±10%(K) at 25°C, x denoted to option code, see the parts number system

ELECTRICAL SPECIFICATION – 2000VDC(20) / 700VAC

CAP	Dimensions (mm)					dv/dt	Peak Current	Surge Current	ESR 100KHz	ESL	Thermal Res	Irms 100KHz 70°C	No of Pin	Part Number
(uF)	L	H	T	P	d	(V/us)	(A)	(A)	(mΩ)	(nH)	(°C/W)	(A)		
0.0010	18.0	11.0	5.0	15.0	0.8	9500	10	29	654.1	10	60.6	0.7	2	PF102%201202S1x
0.0012	18.0	11.0	5.0	15.0	0.8	9500	11	34	546.1	10	60.6	0.8	2	PF122%201202S1x
0.0015	18.0	11.0	5.0	15.0	0.8	9500	14	43	436.0	10	60.6	0.9	2	PF120%201202S1x
0.0018	18.0	11.0	5.0	15.0	0.8	9500	17	51	364.1	10	60.6	1.0	2	PF182%201202S1x
0.0022	18.0	11.0	5.0	15.0	0.8	9500	21	63	297.6	10	60.6	1.1	2	PF222%201202S1x
0.0027	18.0	11.0	5.0	15.0	0.8	9500	26	77	242.5	10	60.6	1.2	2	PF272%201202S1x
0.0033	18.0	11.0	5.0	15.0	0.8	9500	31	94	198.1	10	60.6	1.3	2	PF332%201202S1x
0.0039	18.0	11.0	5.0	15.0	0.8	9500	37	111	167.7	10	60.6	1.4	2	PF392%201202S1x
0.0047	18.0	11.0	5.0	15.0	0.8	9500	45	134	139.1	10	60.6	1.5	2	PF472%201202S1x
0.0056	18.0	12.0	6.0	15.0	0.8	9500	53	160	116.7	10	55.6	1.8	2	PF562%201202S1x
0.0068	18.0	12.0	6.0	15.0	0.8	9500	65	194	96.2	10	55.6	1.9	2	PF682%201202S1x
0.0082	18.0	12.0	6.0	15.0	0.8	9500	78	234	79.7	10	55.6	2.1	2	PF822%201202S1x
0.010	18.0	13.5	7.5	15.0	0.8	9500	95	285	65.4	10	51.3	2.4	2	PF103%201202S1x
0.012	18.0	14.5	8.5	15.0	0.8	9500	114	342	32.7	10	48.8	3.5	2	PF123%201202S1x
0.015	18.0	14.5	8.5	15.0	0.8	9500	143	428	26.1	10	48.8	4.0	2	PF153%201202S1x
0.018	18.0	16.0	10.0	15.0	0.8	9500	171	513	21.8	10	44.4	4.5	2	PF183%201202S1x
0.0010	26.0	15.5	6.0	22.5	0.8	4500	5	14	1622.1	16	43.5	0.5	2	PF102%20A202S1x
0.0012	26.0	15.5	6.0	22.5	0.8	4500	5	16	1354.4	16	43.5	0.6	2	PF122%20A202S1x
0.0015	26.0	15.5	6.0	22.5	0.8	4500	7	20	1081.4	16	43.5	0.7	2	PF152%20A202S1x
0.0018	26.0	15.5	6.0	22.5	0.8	4500	8	24	603.9	16	43.5	0.9	2	PF182%20A202S1x
0.0022	26.0	15.5	6.0	22.5	0.8	4500	10	30	492.1	16	43.5	1.0	2	PFA20%20A202S1x
0.0027	26.0	15.5	6.0	22.5	0.8	4500	12	36	334.1	16	43.5	1.2	2	PF272%20A202S1x
0.0033	26.0	15.5	6.0	22.5	0.8	4500	15	45	272.9	16	43.5	1.3	2	PF332%20A202S1x
0.0039	26.0	15.5	6.0	22.5	0.8	4500	18	53	208.2	16	43.5	1.5	2	PF392%20A202S1x
0.0047	26.0	15.5	6.0	22.5	0.8	4500	21	63	172.6	16	43.5	1.6	2	PF472%20A202S1x
0.0056	26.0	15.5	6.0	22.5	0.8	4500	25	76	144.7	16	43.5	1.8	2	PF562%20A202S1x
0.0068	26.0	15.5	6.0	22.5	0.8	4500	31	92	119.2	16	43.5	2.0	2	PF682%20A202S1x
0.0082	26.0	15.5	6.0	22.5	0.8	4500	37	111	98.9	16	43.5	2.2	2	PF822%20A202S1x
0.010	26.0	15.5	6.0	22.5	0.8	4500	45	135	81.1	16	43.5	2.4	2	PF103%20A202S1x
0.012	26.0	15.5	6.0	22.5	0.8	4500	54	162	67.5	16	43.5	2.6	2	PF123%20A202S1x
0.015	26.0	15.5	6.0	22.5	0.8	4500	68	203	54.0	16	43.5	2.9	2	PF153%20A202S1x
0.018	26.0	15.5	6.0	22.5	0.8	4500	81	243	45.0	16	43.5	3.2	2	PF183%20A202S1x
0.022	26.0	16.5	7.0	22.5	0.8	4500	99	297	36.8	16	41.7	3.6	2	PF223%20A202S1x
0.027	26.0	16.5	7.0	22.5	0.8	4500	122	365	30.0	16	41.7	4.0	2	PF273%20A202S1x
0.033	26.0	17.0	8.5	22.5	0.8	4500	149	446	24.6	16	40.0	4.5	2	PF333%20A202S1x
0.039	26.0	19.0	10.0	22.5	0.8	4500	176	527	20.8	16	35.1	5.2	2	PF393%20A202S1x
0.047	26.0	19.0	10.0	22.5	0.8	4500	212	635	17.2	16	35.1	5.8	2	PF473%20A202S1x
0.056	26.0	20.0	11.0	22.5	0.8	4500	252	756	16.1	16	33.9	6.1	2	PF563%20A202S1x

Note: % denoted to tolerance: ±5%(J), ±10%(K) at 25°C, x denoted to option code, see the parts number system

ELECTRICAL SPECIFICATION – 2000VDC(20) / 700VAC

CAP	Dimensions (mm)					dv/dt	Peak Current	Surge Current	ESR 100KHz	ESL	Thermal Res	Irms 100KHz 70°C	No of Pin	Part Number
(uF)	L	H	T	P	d	(V/us)	(A)	(A)	(mΩ)	(nH)	(°C/W)	(A)		
0.022	32.0	17.0	8.0	27.5	0.8	2500	55	165	40.2	18	35.7	3.7	2	PF223%202202S1x
0.027	32.0	17.0	8.0	27.5	0.8	2500	68	203	32.7	18	35.7	4.1	2	PF273%202202S1x
0.033	32.0	18.0	9.0	27.5	0.8	2500	83	248	26.8	18	41.7	4.2	2	PF333%202202S1x
0.039	32.0	20.0	11.0	27.5	0.8	2500	98	293	22.7	18	35.7	5.0	2	PF393%202202S1x
0.047	32.0	20.0	11.0	27.5	0.8	2500	118	353	18.8	18	35.7	5.5	2	PF473%202202S1x
0.056	32.0	22.0	13.0	27.5	0.8	2500	140	420	18.4	18	33.3	5.7	2	PF563%202202S1x
0.068	32.0	22.0	13.0	27.5	0.8	2500	170	510	17.2	18	33.3	5.9	2	PF683%202202S1x
0.082	32.0	24.5	13.0	27.5	0.8	2500	205	615	16.2	18	31.3	6.3	2	PF823%202202S1x
0.10	32.0	28.0	14.0	27.5	0.8	2500	250	750	13.3	18	27.8	7.4	2	PF104%202202S1x
0.12	32.0	33.0	18.0	27.5	0.8	2500	300	900	14.7	18	21.7	7.9	2	PF124%202202S1x
0.15	32.0	33.0	18.0	27.5	0.8	2500	375	1125	13.7	18	21.7	8.2	2	PF154%202202S1x
0.18	32.0	37.0	22.0	27.5	1.0	2500	450	1350	14.7	18	17.2	8.9	2	PF184%202202S1x
0.22	32.0	37.0	22.0	27.5	1.0	2500	550	1650	13.4	18	17.2	9.3	2	PF224%202202S1x
0.033	42.0	22.0	11.0	37.5	1.0	1500	50	149	30.6	20	30.3	4.6	2	PF333%203202S1x
0.039	42.0	22.0	11.0	37.5	1.0	1500	59	176	25.9	20	30.3	5.0	2	PF393%203202S1x
0.047	42.0	22.0	11.0	37.5	1.0	1500	71	212	21.5	20	30.3	5.5	2	PF473%203202S1x
0.056	42.0	22.0	11.0	37.5	1.0	1500	84	252	18.1	20	30.3	6.0	2	PF563%203202S1x
0.068	42.0	22.0	11.0	37.5	1.0	1500	102	306	14.9	20	30.3	6.7	2	PF683%203202S1x
0.082	42.0	22.0	11.0	37.5	1.0	1500	123	369	12.3	20	30.3	7.3	2	PF823%203202S1x
0.10	42.0	24.0	13.0	37.5	1.0	1500	150	450	13.5	20	27.8	7.3	2	PF104%203202S1x
0.12	42.0	24.0	13.0	37.5	1.0	1500	180	540	14.0	20	27.8	7.2	2	PF124%203202S1x
0.15	42.0	28.5	16.0	37.5	1.0	1500	225	675	15.7	20	20.0	8.0	2	PF154%203202S1x
0.18	42.0	28.5	16.0	37.5	1.0	1500	270	810	15.0	20	20.0	8.2	2	PF184%203202S1x
0.22	42.0	32.0	19.0	37.5	1.0	1500	330	990	13.8	20	17.9	9.0	2	PF224%203202S1x
0.27	42.0	40.0	20.0	37.5	1.0	1500	405	1215	12.5	20	13.9	10.7	2	PF274%203202S1x
0.33	42.0	40.0	20.0	37.5	1.0	1500	495	1485	12.3	20	13.9	10.8	2	PF334%203202S1x
0.39	42.0	44.0	24.0	37.5	1.0	1500	585	1755	10.4	20	12.2	12.6	2	PF394%203202S1x
0.47	42.0	44.0	24.0	37.5	1.0	1500	705	2115	8.6	20	12.2	13.8	2	PF474%203202S1x
0.56	42.0	45.0	30.0	37.5	1.0	1500	840	2520	9.6	20	10.0	14.4	2	PF564%203202S1x
0.68	42.0	45.0	30.0	37.5	1.0	1500	1020	3060	9.9	20	9.1	14.9	2	PF684%203202S1x

Note: % denoted to tolerance: ±5%(J), ±10%(K) at 25°C, x denoted to option code, see the parts number system

ENVIRONMENTAL TEST

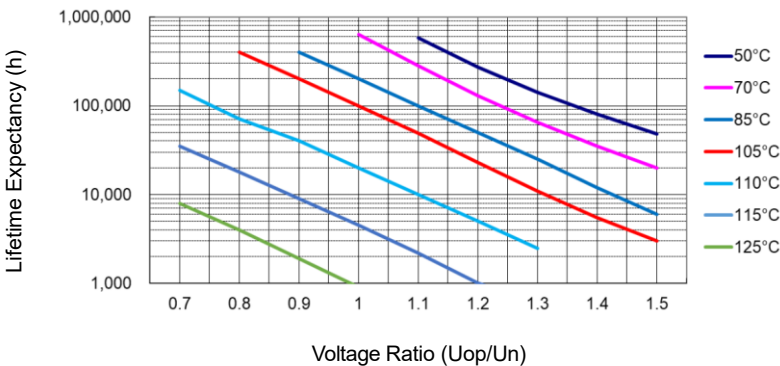
Item	Test Condition	Performance																					
Biased Humidity	Temperature: +85 ±2°C, Humidity: 85% RH, Duration: 2000 +24/0 hours Loading Voltage: rated voltage Stabilized for 4 hours at standard temperature and humidity before measurements.	$\Delta C/C: \leq \pm 10\%$ DF: $\leq 240 \times 10^{-4}$ at 1 KHz for CN $\leq 1 \mu F$ DF: $\leq 150 \times 10^{-4}$ at 1 KHz for CN $> 1 \mu F$ IR: $\geq 50\%$ of initial limit																					
Operational Life	Temperature: +105 ±2°C Apply 130% of rated voltage for 1,000 +24/0 hours. Measurement at 24 ±4 hours after test conclusion	$\Delta C/C: \leq \pm 5\%$ DF: $\leq 15 \times 10^{-4}$ at 1 KHz IR: $\geq 50\%$ of initial limit																					
Temperature Cycle	High Temperature: +105 ±5°C, Low Temperature: -40 ±5°C Temperature Cycle: Total 1000 cycles, 30 min ± 10% for each temperature. 1 min maximum transition time. Measurement at 24 ±4 hours after test conclusion	$\Delta C/C: \leq \pm 3\%$ DF: $\leq 15 \times 10^{-4}$ at 1 KHz IR: $\geq 50\%$ of initial limit																					
High Temperature Exposure (Storage)	Temperature: +105 ±2°C, Duration: 1000 +24/-0 hours. Measurement at 24 ±4 hours after test conclusion	$\Delta C/C: \leq \pm 5\%$ DF: $\leq 15 \times 10^{-4}$ at 1 KHz IR: $\geq 50\%$ of initial limit																					
Moisture Resistance	Temperature: +40 ± 2°C, RH: 90% to 95%, Duration: 1344+24/-0 hours Measurement at 24 ±4 hours after test conclusion	$\Delta C/C: \leq \pm 5\%$ DF: $\leq 15 \times 10^{-4}$ at 1 KHz IR: $\geq 50\%$ of initial limit																					
Solderability	Soldering temperature: +245 ±5°C, Immersion duration: 2 ±0.5 seconds	More than 95% of Coverage																					
Soldering Heat Resistance	Preheat temperature 100°C~120°C, Preheat Duration: 100 sec max, Soldering Temperature: +260 ±5°C, Immersion Duration: ≤10 seconds, Depth: 1.5 ±0.5 mm Soldering Temperature: +400°C, Immersion Duration: ≤3 seconds Stabilized for 1.5 ±0.5hr at ordinary condition before measurements	$\Delta C/C: \leq \pm 2\%$ DF: $\leq 15 \times 10^{-4}$ at 1 KHz IR: $\geq 50\%$ of initial limit																					
Temperature Humidity Cycle	Test Humidity: 90% to 95% R.H, Test Temperature Cycle: Total 10 cycles, Each cycle includes <table><tr><th>Cycle</th><th>1</th><th>2</th><th>3</th><th>4</th><th>5</th><th>6</th></tr><tr><td>Temp (°C)</td><td>+25±2 ~ +65±3</td><td>+65±3</td><td>+65±3~ +25±2</td><td>+25±3~ +65±2</td><td>+65±3</td><td>+65±3~ +25±2</td></tr><tr><td>Time (hours)</td><td>2.5</td><td>3</td><td>2.5</td><td>2.5</td><td>3</td><td>2.5</td></tr></table> Stabilized for 8hr at ordinary condition before measurements	Cycle	1	2	3	4	5	6	Temp (°C)	+25±2 ~ +65±3	+65±3	+65±3~ +25±2	+25±3~ +65±2	+65±3	+65±3~ +25±2	Time (hours)	2.5	3	2.5	2.5	3	2.5	$\Delta C/C: \leq \pm 5\%$ DF: $\leq 15 \times 10^{-4}$ at 1 KHz IR: $\geq 50\%$ of initial limit
Cycle	1	2	3	4	5	6																	
Temp (°C)	+25±2 ~ +65±3	+65±3	+65±3~ +25±2	+25±3~ +65±2	+65±3	+65±3~ +25±2																	
Time (hours)	2.5	3	2.5	2.5	3	2.5																	
Resistance to solvent	Solvent: propanol (isopropyl alcohol) Temperature: 23 ±5°C, Immersion time: 5 ±0.5min, Drying time: 5 mins Mechanical treatment: 10 rubbing (with cotton-wool)	$\Delta C/C: \leq \pm 1\%$ DF: $\leq 15 \times 10^{-4}$ at 1 KHz IR: $\geq 50\%$ of initial limit																					
Terminal Strength	<table><tr><th>Item</th><th>0.50 < D ≤0.80mm</th><th>0.80 < D ≤1.25mm</th><th>Condition</th></tr><tr><td>Tension</td><td>10N</td><td>20N</td><td rowspan="2">Make two successive bends in each direction</td></tr><tr><td>Bending</td><td>5N</td><td>10N</td></tr></table>	Item	0.50 < D ≤0.80mm	0.80 < D ≤1.25mm	Condition	Tension	10N	20N	Make two successive bends in each direction	Bending	5N	10N	No visible damage										
Item	0.50 < D ≤0.80mm	0.80 < D ≤1.25mm	Condition																				
Tension	10N	20N	Make two successive bends in each direction																				
Bending	5N	10N																					
Vibration Resistance	5g force 20 minutes, three directions, 12 cycles in each direction. Test Frequency 10~2000 Hz	$\Delta C/C: \leq \pm 1\%$ DF: $\leq 15 \times 10^{-4}$ at 1 KHz IR: $\geq 50\%$ of initial limit																					
Mechanical Shock	Pulse-shape: half-sine wave, Acceleration: 500 m/s2, Duration of pulse: 11 ms																						
Bump	Total number of bumps: 1000 times or 4000 times, Acceleration: 400 m/s2, Pulse duration: 6 ms																						

Notes:

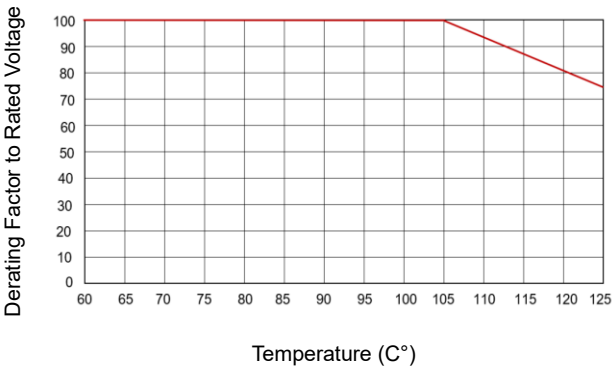
1. Ambient Temp: 15°C to 35°C, Relative Humidity (R.H.): 45% to 75%, Air Pressure: 86kpa to 106kpa
2. Storage needs to be kept indoors at -10~+40°C and relative humidity of under 75% without any sudden temperature changes, direct sunlight and corrosive gas around
3. Do not apply and exceeding vibration, shock (dropping) and pressure
4. Reference Standards: IEC 60068, IEC 61071, MIL-STD-202, IEC 60384

CHARACTERISTIC CURVE

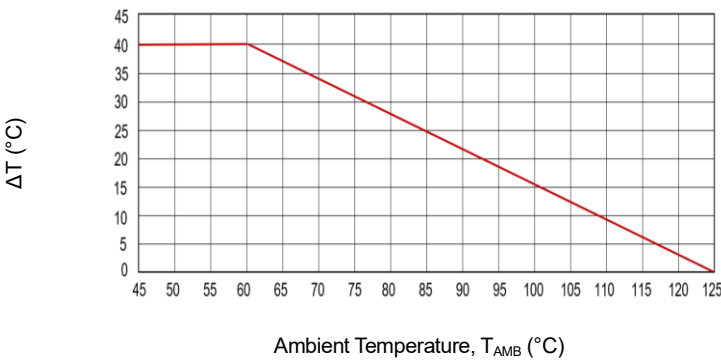
Lifetime Expectancy



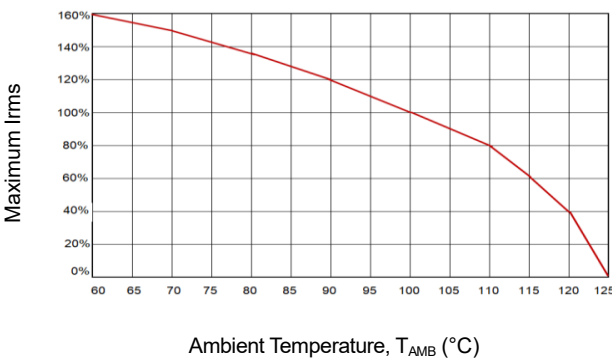
Rated Voltage vs Temperature



Maximum Over Temperature (ΔT) Vs Ambient Temperature (T_{AMB})



Maximum I_{rms} VS Ambient Temperature (T_{AMB})



*Specifications subject to change without notice.