

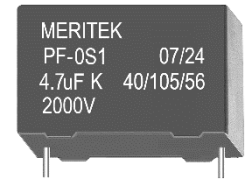
**Power Film Capacitor, High Pulse
THB Grade 2000Hours
AEC-Q200**

PF-0S1 Series

MERITEK

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

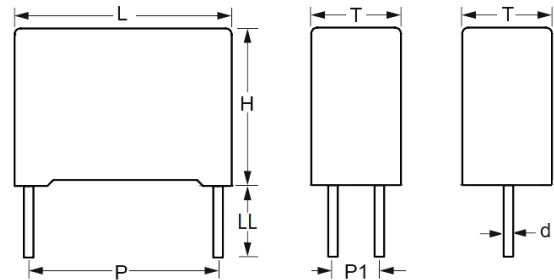
Item	Characteristic				
Operating Temperature	-55~+105°C (85°C~+105°C Decreasing factor 1.25% per °C for Rated Voltage)				
Capacitance Range	0.001 μF~4.7 μF, ±5%(J), ±10%(K) at +25°C				
Climatic Category	55/105/56 IEC60068-1				
Dissipation Factor	0.001, at 1KHz; at 25°C				
Operating Voltage	630VDC / 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 0S1 5
(1) (2) (3) (4) (5) (6)

No	Item	Code	Description	
(1)	Product Code	PF	Power Film Capacitor, Metallized PP Film type	
(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	0S1	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

**Power Film Capacitor, High Pulse
THB Grade 2000Hours
AEC-Q200**

PF-0S1 Series

MERITEK

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%631200S1x
0.012	18.0	11.0	5.0	15.0	0.8	3000	36	108	61.4	10	60.6	2.3	2	PF123%631200S1x
0.015	18.0	11.0	5.0	15.0	0.8	3000	45	135	49.1	10	60.6	2.6	2	PF153%631200S1x
0.018	18.0	11.0	5.0	15.0	0.8	3000	54	162	40.9	10	60.6	2.8	2	PF183%631200S1x
0.02	18.0	11.0	5.0	15.0	0.8	3000	60	180	36.8	10	60.6	3.0	2	PF203%631200S1x
0.022	18.0	11.0	5.0	15.0	0.8	3000	66	198	33.5	10	60.6	3.1	2	PF223%631200S1x
0.027	18.0	12.0	6.0	15.0	0.8	3000	81	243	27.3	10	55.6	3.6	2	PF273%631200S1x
0.033	18.0	12.0	6.0	15.0	0.8	3000	99	297	22.3	10	55.6	4.0	2	PF333%631200S1x
0.039	18.0	12.0	6.0	15.0	0.8	3000	117	351	18.9	10	55.6	4.4	2	PF393%631200S1x
0.047	18.0	13.5	7.5	15.0	0.8	3000	141	423	15.7	10	51.3	5.0	2	PF473%631200S1x
0.056	18.0	13.5	7.5	15.0	0.8	3000	168	504	13.1	10	51.3	5.4	2	PF563%631200S1x
0.068	18.0	14.5	8.5	15.0	0.8	3000	204	612	13.0	10	48.8	5.6	2	PF683%631200S1x
0.082	18.0	16.0	10	15.0	0.8	3000	246	738	10.8	10	44.4	6.5	2	PF823%631200S1x
0.10	18.0	16.0	10	15.0	0.8	3000	300	900	8.8	10	44.4	7.1	2	PF104%631200S1x
0.12	18.0	19.0	11	15.0	0.8	3000	360	1080	7.4	10	40.0	8.2	2	PF124%631200S1x
0.047	26.0	15.5	6.0	22.5	0.8	1500	71	212	32.2	16	43.5	3.8	2	PF473%63A200S1x
0.056	26.0	15.5	6.0	22.5	0.8	1500	84	252	27.0	16	43.5	4.1	2	PF563%63A200S1x
0.068	26.0	15.5	6.0	22.5	0.8	1500	102	306	22.2	16	43.5	4.5	2	PF683%63A200S1x
0.082	26.0	15.5	6.0	22.5	0.8	1500	123	369	18.4	16	43.5	5.0	2	PF823%63A200S1x
0.10	26.0	15.5	6.0	22.5	0.8	1500	150	450	15.1	16	43.5	5.5	2	PF104%63A200S1x
0.12	26.0	16.5	7.0	22.5	0.8	1500	180	540	12.6	16	41.7	6.2	2	PF124%63A200S1x
0.15	26.0	17.0	8.5	22.5	0.8	1500	225	675	10.1	16	40.0	7.0	2	PF154%63A200S1x
0.18	26.0	17.0	8.5	22.5	0.8	1500	270	810	9.8	16	40.0	7.1	2	PF184%63A200S1x
0.22	26.0	19.0	10	22.5	0.8	1500	330	990	9.2	16	35.1	7.9	2	PF224%63A200S1x
0.27	26.0	20.0	11	22.5	0.8	1500	405	1215	11.2	16	33.9	7.3	2	PF274%63A200S1x
0.33	26.0	20.0	11	22.5	0.8	1500	495	1485	9.2	16	33.9	8.0	2	PF334%63A200S1x
0.39	26.0	22.0	12	22.5	0.8	1500	585	1755	7.8	16	32.3	8.9	2	PF394%63A200S1x
0.15	32.0	17.0	8.0	27.5	0.8	900	135	405	19.6	18	35.7	5.4	2	PF154%632200S1x
0.18	32.0	17.0	8.0	27.5	0.8	900	162	486	16.3	18	35.7	5.9	2	PF184%632200S1x
0.22	32.0	18.0	9.0	27.5	0.8	900	198	594	11.4	18	41.7	6.5	2	PF224%632200S1x
0.27	32.0	20.0	11	27.5	0.8	900	243	729	9.3	18	35.7	7.8	2	PF274%632200S1x
0.33	32.0	20.0	11	27.5	0.8	900	297	891	7.6	18	35.7	8.6	2	PF334%632200S1x
0.39	32.0	20.0	11	27.5	0.8	900	351	1053	6.4	18	35.7	9.3	2	PF394%632200S1x
0.47	32.0	22.0	13	27.5	0.8	900	423	1269	6.2	18	33.3	9.8	2	PF474%632200S1x
0.56	32.0	22.0	13	27.5	0.8	900	504	1512	5.2	18	33.3	10.7	2	PF564%632200S1x
0.68	32.0	24.5	13	27.5	0.8	900	612	1836	4.9	18	31.3	11.4	2	PF684%632200S1x
0.82	32.0	28.0	14	27.5	0.8	900	738	2214	4.6	18	27.8	12.5	2	PF824%632200S1x
1.0	32.0	33.0	18	27.5	0.8	900	900	2700	5.0	18	21.7	13.5	2	PF105%632200S1x
1.2	32.0	33.0	18	27.5	0.8	900	1080	3240	5.6	18	21.7	12.8	2	PF125%632200S1x
1.5	32.0	37.0	22	27.5	1.0	900	1350	4050	5.6	18	17.2	14.4	2	PF155%632200S1x
1.8	32.0	37.0	22	27.5	1.0	900	1620	4860	5.4	18	17.2	14.7	2	PF185%632200S1x
0.33	42.0	22.0	11	37.5	1.0	500	165	495	8.9	20	30.3	8.6	2	PF334%633200S1x
0.47	42.0	22.0	11	37.5	1.0	500	235	705	6.2	20	30.3	10.3	2	PF474%633200S1x
0.56	42.0	22.0	11	37.5	1.0	500	280	840	5.2	20	30.3	11.2	2	PF564%633200S1x
0.68	42.0	22.0	11	37.5	1.0	500	340	1020	5.7	20	30.3	10.7	2	PF684%633200S1x
0.82	42.0	28.5	16	37.5	1.0	500	410	1230	7.1	20	20.0	11.8	2	PF824%633200S1x
1.0	42.0	28.5	16	37.5	1.0	500	500	1500	6.8	20	20.0	12.1	2	PF105%633200S1x
1.5	42.0	28.5	16	37.5	1.0	500	750	2250	5.9	20	20.0	13.1	2	PF155%633200S1x
1.8	42.0	32.0	19	37.5	1.0	500	900	2700	6.0	20	17.9	13.7	2	PF185%633200S1x
2.2	42.0	40.0	20	37.5	1.0	500	1100	3300	7.1	20	13.9	14.2	2	PF225%633200S1x
2.7	42.0	40.0	20	37.5	1.0	500	1350	4050	6.5	20	13.9	14.9	2	PF275%633200S1x
3.3	42.0	44.0	24	37.5	1.0	500	1650	4950	7.1	20	12.2	15.2	2	PF335%633200S1x
3.9	42.0	45.0	30	37.5	1.0	500	1950	5850	8.0	20	10.0	15.8	2	PF395%633200S1x
4.7	42.0	50.0	35	37.5	1.0	500	2350	7050	9.3	20	8.3	16.0	2	PF475%633200S1x

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

**Power Film Capacitor, High Pulse
THB Grade 2000Hours
AEC-Q200**

PF-0S1 Series

MERITEK

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%101200S1x
0.010	18.0	11.0	5.0	15.0	0.8	3500	35	105	65.4	10	60.6	2.2	2	PF103%101200S1x
0.012	18.0	11.0	5.0	15.0	0.8	3500	42	126	54.5	10	60.6	2.5	2	PF123%101200S1x
0.015	18.0	11.0	5.0	15.0	0.8	3500	53	158	43.6	10	60.6	2.8	2	PF153%101200S1x
0.018	18.0	11.0	5.0	15.0	0.8	3500	63	189	36.4	10	60.6	3.0	2	PF183%101200S1x
0.020	18.0	12.0	6.0	15.0	0.8	3500	70	210	32.7	10	55.6	3.3	2	PF203%101200S1x
0.022	18.0	12.0	6.0	15.0	0.8	3500	77	231	29.7	10	55.6	3.5	2	PF223%101200S1x
0.027	18.0	13.5	7.5	15.0	0.8	3500	95	284	24.2	10	51.3	4.0	2	PF273%101200S1x
0.033	18.0	13.5	7.5	15.0	0.8	3500	116	347	19.8	10	51.3	4.4	2	PF333%101200S1x
0.039	18.0	14.5	8.5	15.0	0.8	3500	137	410	16.8	10	48.8	4.9	2	PF393%101200S1x
0.047	18.0	14.5	8.5	15.0	0.8	3500	165	494	13.9	10	48.8	5.4	2	PF473%101200S1x
0.027	26.0	15.5	6.0	22.5	0.8	2100	57	170	37.3	16	43.5	3.5	2	PF273%102220S1x
0.033	26.0	15.5	6.0	22.5	0.8	2100	69	208	25.5	16	43.5	4.3	2	PF333%102220S1x
0.039	26.0	15.5	6.0	22.5	0.8	2100	82	246	21.6	16	43.5	4.6	2	PF393%102220S1x
0.047	26.0	16.5	7.0	22.5	0.8	2100	99	296	17.9	16	41.7	5.2	2	PF473%102220S1x
0.056	26.0	16.5	7.0	22.5	0.8	2100	118	353	18.0	16	41.7	5.2	2	PF563%102220S1x
0.068	26.0	17.0	8.5	22.5	0.8	2100	143	428	17.3	16	40.0	5.4	2	PF683%102220S1x
0.082	26.0	19.0	10	22.5	0.8	2100	172	517	14.3	16	35.1	6.3	2	PF823%102220S1x
0.10	26.0	19.0	10	22.5	0.8	2100	210	630	11.8	16	35.1	7.0	2	PF104%102220S1x
0.12	26.0	20.0	11	22.5	0.8	2100	252	756	9.8	16	33.9	7.8	2	PF124%102220S1x
0.15	26.0	22.0	12	22.5	0.8	2100	315	945	7.8	16	32.3	8.9	2	PF154%102220S1x
0.10	32.0	17.0	8.0	27.5	0.8	1000	100	300	14.0	18	35.7	6.3	2	PF104%102200S1x
0.12	32.0	18.0	9.0	27.5	0.8	1000	120	360	11.6	18	41.7	6.4	2	PF124%102200S1x
0.15	32.0	20.0	11	27.5	0.8	1000	150	450	9.3	18	35.7	7.8	2	PF154%102200S1x
0.18	32.0	22.0	13	27.5	0.8	1000	180	540	9.3	18	33.3	8.0	2	PF184%102200S1x
0.22	32.0	22.0	13	27.5	0.8	1000	220	660	8.9	18	33.3	8.2	2	PF224%102200S1x
0.27	32.0	24.5	13	27.5	0.8	1000	270	810	7.2	18	31.3	9.4	2	PF274%102200S1x
0.33	32.0	28.0	14	27.5	0.8	1000	330	990	7.6	18	27.8	9.7	2	PF334%102200S1x
0.39	32.0	33.0	18	27.5	0.8	1000	390	1170	7.9	18	21.7	10.8	2	PF394%102200S1x
0.47	32.0	33.0	18	27.5	0.8	1000	470	1410	7.1	18	21.7	11.4	2	PF474%102200S1x
0.56	32.0	37.0	22	27.5	1.0	1000	560	1680	7.0	18	17.2	12.9	2	PF564%102200S1x
0.68	32.0	37.0	22	27.5	1.0	1000	680	2040	6.2	18	17.2	13.7	2	PF684%102200S1x
0.18	42.0	22.0	11	37.5	1.0	500	90	270	14.5	20	30.3	6.8	2	PF184%103200S1x
0.22	42.0	22.0	11	37.5	1.0	500	110	330	11.8	20	30.3	7.5	2	PF224%103200S1x
0.27	42.0	24.0	13	37.5	1.0	500	135	405	9.6	20	27.8	8.6	2	PF274%103200S1x
0.33	42.0	24.0	13	37.5	1.0	500	165	495	7.9	20	27.8	9.6	2	PF334%103200S1x
0.39	42.0	28.0	17	37.5	1.0	500	195	585	10.0	20	20.0	10.0	2	PF394%103200S1x
0.47	42.0	28.0	17	37.5	1.0	500	235	705	9.7	20	20.0	10.2	2	PF474%103200S1x
0.56	42.0	28.0	17	37.5	1.0	500	280	840	8.1	20	20.0	11.1	2	PF564%103200S1x
0.68	42.0	32.0	19	37.5	1.0	500	340	1020	6.7	20	17.9	12.9	2	PF684%103200S1x
0.82	42.0	40.0	20	37.5	1.0	500	410	1230	7.9	20	13.9	13.5	2	PF824%103200S1x
1.0	42.0	40.0	20	37.5	1.0	500	500	1500	7.8	20	13.9	13.6	2	PF105%103200S1x
1.2	42.0	44.0	24	37.5	1.0	500	600	1800	7.6	20	12.2	14.7	2	PF125%103200S1x
1.5	42.0	44.0	24	37.5	1.0	500	750	2250	6.5	20	12.2	15.9	2	PF155%103200S1x
1.8	42.0	45.0	30	37.5	1.0	500	900	2700	7.2	20	10.0	16.6	2	PF185%103200S1x
2.2	42.0	45.0	30	37.5	1.0	500	1100	3300	7.1	20	10.0	16.8	2	PF225%103200S1x

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

**Power Film Capacitor, High Pulse
THB Grade 2000Hours
AEC-Q200**

PF-0S1 Series

MERITEK

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%131200S1x
0.010	18.0	11.0	5.0	15.0	0.8	3500	35	105	60.4	10	60.6	2.3	2	PF103%131200S1x
0.012	18.0	11.0	5.0	15.0	0.8	3500	42	126	50.3	10	60.6	2.6	2	PF123%131200S1x
0.015	18.0	11.0	5.0	15.0	0.8	3500	53	158	40.2	10	60.6	2.9	2	PF153%131200S1x
0.018	18.0	12.0	6.0	15.0	0.8	3500	63	189	33.5	10	55.6	3.3	2	PF183%131200S1x
0.020	18.0	12.0	6.0	15.0	0.8	3500	70	210	30.2	10	55.6	3.5	2	PF203%131200S1x
0.022	18.0	13.0	7.0	15.0	0.8	3500	77	231	27.4	10	52.6	3.7	2	PF223%131200S1x
0.027	18.0	13.5	7.5	15.0	0.8	3500	95	284	22.3	10	51.3	4.2	2	PF273%131200S1x
0.033	18.0	14.5	8.5	15.0	0.8	3500	116	347	18.3	10	48.8	4.7	2	PF333%131200S1x
0.039	18.0	16.0	9.0	15.0	0.8	3500	137	410	15.5	10	45.5	5.3	2	PF393%131200S1x
0.047	18.0	16.0	10	15.0	0.8	3500	165	494	12.8	10	44.4	5.9	2	PF473%131200S1x
0.056	18.0	19.0	11	15.0	0.8	3500	196	588	10.8	10	40.0	6.8	2	PF563%131200S1x
0.027	26.0	15.5	6.0	22.5	0.8	2100	57	170	36.9	16	43.5	3.5	2	PF273%13A200S1x
0.033	26.0	15.5	6.0	22.5	0.8	2100	69	208	25.2	16	43.5	4.3	2	PF333%13A200S1x
0.039	26.0	15.5	6.0	22.5	0.8	2100	82	246	21.3	16	43.5	4.6	2	PF393%13A200S1x
0.047	26.0	16.5	7.0	22.5	0.8	2100	99	296	17.7	16	41.7	5.2	2	PF473%13A200S1x
0.056	26.0	16.5	7.0	22.5	0.8	2100	118	353	17.8	16	41.7	5.2	2	PF563%13A200S1x
0.068	26.0	17.0	8.5	22.5	0.8	2100	143	428	17.1	16	40.0	5.4	2	PF683%13A200S1x
0.082	26.0	19.0	10.0	22.5	0.8	2100	172	517	14.2	16	35.1	6.3	2	PF823%13A200S1x
0.10	26.0	19.0	10.0	22.5	0.8	2100	210	630	11.6	16	35.1	7.0	2	PF104%13A200S1x
0.12	26.0	20.0	11.0	22.5	0.8	2100	252	756	9.7	16	33.9	7.8	2	PF124%13A200S1x
0.15	26.0	22.0	12.0	22.5	0.8	2100	315	945	7.8	16	32.3	8.9	2	PF154%13A200S1x
0.18	26.0	24.5	13.0	22.5	0.8	2100	378	1134	7.4	16	31.3	9.3	2	PF184%13A200S1x
0.22	26.0	29.5	14.5	22.5	0.8	2100	462	1386	6.8	16	28.6	10.1	2	PF224%13A200S1x
0.10	32.0	17.0	8.0	27.5	0.8	1000	100	300	13.6	18	35.7	6.4	2	PF104%132200S1x
0.12	32.0	18.0	9.0	27.5	0.8	1000	120	360	11.3	18	41.7	6.5	2	PF124%132200S1x
0.15	32.0	20.0	11	27.5	0.8	1000	150	450	9.1	18	35.7	7.9	2	PF154%132200S1x
0.18	32.0	22.0	13	27.5	0.8	1000	180	540	9.1	18	33.3	8.1	2	PF184%132200S1x
0.22	32.0	22.0	13	27.5	0.8	1000	220	660	8.6	18	33.3	8.3	2	PF224%132200S1x
0.27	32.0	24.0	14	27.5	0.8	1000	270	810	7.0	18	29.4	9.8	2	PF274%132200S1x
0.33	32.0	28.0	14	27.5	0.8	1000	330	990	7.4	18	27.8	9.9	2	PF334%132200S1x
0.39	32.0	30.0	16	27.5	0.8	1000	390	1170	7.7	18	26.3	10.0	2	PF394%132200S1x
0.47	32.0	33.0	18	27.5	0.8	1000	470	1410	6.9	18	21.7	11.5	2	PF474%132200S1x
0.56	32.0	37.0	22	27.5	1.0	1000	560	1680	6.8	18	17.2	13.1	2	PF564%132200S1x
0.68	32.0	37.0	22	27.5	1.0	1000	680	2040	6.0	18	17.2	13.9	2	PF684%132200S1x
0.18	42.0	22.0	11	37.5	1.0	500	90	270	13.8	20	30.3	6.9	2	PF184%133200S1x
0.22	42.0	22.0	11	37.5	1.0	500	110	330	11.3	20	30.3	7.6	2	PF224%133200S1x
0.27	42.0	24.0	13	37.5	1.0	500	135	405	9.2	20	27.8	8.8	2	PF274%133200S1x
0.33	42.0	24.0	13	37.5	1.0	500	165	495	7.5	20	27.8	9.8	2	PF334%133200S1x
0.39	42.0	28.0	17	37.5	1.0	500	195	585	9.6	20	20.0	10.2	2	PF394%133200S1x
0.47	42.0	28.0	17	37.5	1.0	500	235	705	9.3	20	20.0	10.4	2	PF474%133200S1x
0.56	42.0	28.0	17	37.5	1.0	500	280	840	7.8	20	20.0	11.3	2	PF564%133200S1x
0.68	42.0	32.0	19	37.5	1.0	500	340	1020	6.4	20	17.9	13.2	2	PF684%133200S1x
0.82	42.0	40.0	20	37.5	1.0	500	410	1230	7.6	20	13.9	13.8	2	PF824%133200S1x
1.0	42.0	40.0	20	37.5	1.0	500	500	1500	7.5	20	13.9	13.9	2	PF105%133200S1x
1.2	42.0	44.0	24	37.5	1.0	500	600	1800	8.3	20	12.2	14.1	2	PF125%133200S1x
1.5	42.0	43.0	28	37.5	1.0	500	750	2250	7.5	20	11.8	15.1	2	PF155%133200S1x
1.8	42.0	45.0	30	37.5	1.0	500	900	2700	8.3	20	10.0	15.5	2	PF185%133200S1x

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

**Power Film Capacitor, High Pulse
THB Grade 2000Hours
AEC-Q200**

PF-0S1 Series

MERITEK

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%161200S1x
0.0047	18.0	11.0	5.0	15.0	0.8	6000	28	85	104.4	10	60.6	1.8	2	PF472%161200S1x
0.0056	18.0	11.0	5.0	15.0	0.8	6000	34	101	87.6	10	60.6	1.9	2	PF562%161200S1x
0.0068	18.0	11.0	5.0	15.0	0.8	6000	41	122	76.9	10	60.6	2.1	2	PF682%161200S1x
0.0082	18.0	11.0	5.0	15.0	0.8	6000	49	148	63.8	10	60.6	2.3	2	PF822%161200S1x
0.010	18.0	11.0	5.0	15.0	0.8	6000	60	180	52.3	10	60.6	2.5	2	PF103%161200S1x
0.012	18.0	12.0	6.0	15.0	0.8	6000	72	216	43.6	10	55.6	2.9	2	PF123%161200S1x
0.015	18.0	12.0	6.0	15.0	0.8	6000	90	270	39.2	10	55.6	3.0	2	PF153%161200S1x
0.018	18.0	13.5	7.5	15.0	0.8	6000	108	324	32.7	10	51.3	3.5	2	PF183%161200S1x
0.022	18.0	13.5	7.5	15.0	0.8	6000	132	396	26.7	10	51.3	3.8	2	PF223%161200S1x
0.027	18.0	14.5	8.5	15.0	0.8	6000	162	486	21.8	10	48.8	4.3	2	PF273%161200S1x
0.033	18.0	14.5	8.5	15.0	0.8	6000	198	594	17.8	10	48.8	4.8	2	PF333%161200S1x
0.015	26.0	15.5	6.0	22.5	0.8	3000	45	135	54.1	16	43.5	2.9	2	PF153%16A200S1x
0.022	26.0	15.5	6.0	22.5	0.8	3000	66	198	36.8	16	43.5	3.5	2	PF223%16A200S1x
0.033	26.0	15.5	6.0	22.5	0.8	3000	99	297	24.6	16	43.5	4.3	2	PF333%16A200S1x
0.039	26.0	16.5	7.0	22.5	0.8	3000	117	351	20.8	16	41.7	4.8	2	PF393%16A200S1x
0.047	26.0	16.5	7.0	22.5	0.8	3000	141	423	17.2	16	41.7	5.3	2	PF473%16A200S1x
0.056	26.0	17.0	8.5	22.5	0.8	3000	168	504	16.9	16	40.0	5.4	2	PF563%16A200S1x
0.068	26.0	19.0	10	22.5	0.8	3000	204	612	13.9	16	35.1	6.4	2	PF683%16A200S1x
0.082	26.0	19.0	10	22.5	0.8	3000	246	738	13.2	16	35.1	6.6	2	PF823%16A200S1x
0.10	26.0	20.0	11	22.5	0.8	3000	300	900	10.8	16	33.9	7.4	2	PF104%16A200S1x
0.039	32.0	17.0	8.0	27.5	0.8	2000	78	234	28.3	18	35.7	4.4	2	PF393%162200S1x
0.047	32.0	17.0	8.0	27.5	0.8	2000	94	282	23.5	18	35.7	4.9	2	PF473%162200S1x
0.056	32.0	17.0	8.0	27.5	0.8	2000	112	336	19.7	18	35.7	5.3	2	PF563%162200S1x
0.068	32.0	18.0	9.0	27.5	0.8	2000	136	408	16.2	18	41.7	5.4	2	PF683%162200S1x
0.082	32.0	20.0	11.0	27.5	0.8	2000	164	492	13.5	18	35.7	6.4	2	PF823%162200S1x
0.10	32.0	22.0	13.0	27.5	0.8	2000	200	600	11.0	18	33.3	7.4	2	PF104%162200S1x
0.12	32.0	22.0	13.0	27.5	0.8	2000	240	720	11.0	18	33.3	7.4	2	PF124%162200S1x
0.15	32.0	24.5	13.0	27.5	0.8	2000	300	900	10.3	18	31.3	7.9	2	PF154%162200S1x
0.18	32.0	28.0	14.0	27.5	0.8	2000	360	1080	11.0	18	27.8	8.1	2	PF184%162200S1x
0.22	32.0	33.0	18.0	27.5	0.8	2000	440	1320	11.0	18	21.7	9.1	2	PF224%162200S1x
0.27	32.0	33.0	18.0	27.5	0.8	2000	540	1620	9.8	18	21.7	9.7	2	PF274%162200S1x
0.33	32.0	33.0	18.0	27.5	0.8	2000	660	1980	9.4	18	21.7	9.9	2	PF334%162200S1x
0.39	32.0	37.0	22.0	27.5	1.0	2000	780	2340	10.2	18	17.2	10.7	2	PF394%162200S1x
0.47	32.0	37.0	22.0	27.5	1.0	2000	940	2820	8.5	18	17.2	11.7	2	PF474%162200S1x
0.082	42.0	22.0	11.0	37.5	1.0	1200	98	295	18.5	20	30.3	6.0	2	PF823%163200S1x
0.10	42.0	22.0	11.0	37.5	1.0	1200	120	360	15.2	20	30.3	6.6	2	PF104%163200S1x
0.12	42.0	22.0	11.0	37.5	1.0	1200	144	432	12.6	20	30.3	7.2	2	PF124%163200S1x
0.15	42.0	22.0	11.0	37.5	1.0	1200	180	540	13.5	20	30.3	7.0	2	PF154%163200S1x
0.18	42.0	24.0	13.0	37.5	1.0	1200	216	648	14.0	20	27.8	7.2	2	PF184%163200S1x
0.22	42.0	24.0	13.0	37.5	1.0	1200	264	792	11.5	20	27.8	7.9	2	PF224%163200S1x
0.27	42.0	24.0	13.0	37.5	1.0	1200	324	972	9.4	20	27.8	8.8	2	PF274%163200S1x
0.33	42.0	28.5	16.0	37.5	1.0	1200	396	1188	9.2	20	20.0	10.4	2	PF334%163200S1x
0.39	42.0	28.5	16.0	37.5	1.0	1200	468	1404	9.1	20	20.0	10.5	2	PF394%163200S1x
0.47	42.0	32.0	19.0	37.5	1.0	1200	564	1692	8.6	20	17.9	11.4	2	PF474%163200S1x
0.56	42.0	40.0	20.0	37.5	1.0	1200	672	2016	9.0	20	13.9	12.6	2	PF564%163200S1x
0.68	42.0	40.0	20.0	37.5	1.0	1200	816	2448	8.9	20	13.9	12.7	2	PF684%163200S1x
0.82	42.0	44.0	24.0	37.5	1.0	1200	984	2952	8.6	20	12.2	13.8	2	PF824%163200S1x
1.0	42.0	44.0	24.0	37.5	1.0	1200	1200	3600	8.1	20	12.2	14.2	2	PF105%163200S1x
1.2	42.0	45.0	30.0	37.5	1.0	1200	1440	4320	7.6	20	10.0	16.2	2	PF125%163200S1x

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

**Power Film Capacitor, High Pulse
THB Grade 2000Hours
AEC-Q200**

PF-0S1 Series

MERITEK

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%201200S1x
0.0012	18.0	11.0	5.0	15.0	0.8	9500	11	34	546.1	10	60.6	0.8	2	PF122%201200S1x
0.0015	18.0	11.0	5.0	15.0	0.8	9500	14	43	436.0	10	60.6	0.9	2	PF120%201200S1x
0.0018	18.0	11.0	5.0	15.0	0.8	9500	17	51	364.1	10	60.6	1.0	2	PF182%201200S1x
0.0022	18.0	11.0	5.0	15.0	0.8	9500	21	63	297.6	10	60.6	1.1	2	PF222%201200S1x
0.0027	18.0	11.0	5.0	15.0	0.8	9500	26	77	242.5	10	60.6	1.2	2	PF272%201200S1x
0.0033	18.0	11.0	5.0	15.0	0.8	9500	31	94	198.1	10	60.6	1.3	2	PF332%201200S1x
0.0039	18.0	11.0	5.0	15.0	0.8	9500	37	111	167.7	10	60.6	1.4	2	PF392%201200S1x
0.0047	18.0	11.0	5.0	15.0	0.8	9500	45	134	139.1	10	60.6	1.5	2	PF472%201200S1x
0.0056	18.0	12.0	6.0	15.0	0.8	9500	53	160	116.7	10	55.6	1.8	2	PF562%201200S1x
0.0068	18.0	12.0	6.0	15.0	0.8	9500	65	194	96.2	10	55.6	1.9	2	PF682%201200S1x
0.0082	18.0	12.0	6.0	15.0	0.8	9500	78	234	79.7	10	55.6	2.1	2	PF822%201200S1x
0.010	18.0	13.5	7.5	15.0	0.8	9500	95	285	65.4	10	51.3	2.4	2	PF103%201200S1x
0.012	18.0	14.5	8.5	15.0	0.8	9500	114	342	32.7	10	48.8	3.5	2	PF123%201200S1x
0.015	18.0	14.5	8.5	15.0	0.8	9500	143	428	26.1	10	48.8	4.0	2	PF153%201200S1x
0.018	18.0	16.0	10.0	15.0	0.8	9500	171	513	21.8	10	44.4	4.5	2	PF183%201200S1x
0.001	26.0	15.5	6.0	22.5	0.8	4500	5	14	1622.1	16	43.5	0.5	2	PF102%20A200S1x
0.0012	26.0	15.5	6.0	22.5	0.8	4500	5	16	1354.4	16	43.5	0.6	2	PF122%20A200S1x
0.0015	26.0	15.5	6.0	22.5	0.8	4500	7	20	1081.4	16	43.5	0.7	2	PF120%20A200S1x
0.0018	26.0	15.5	6.0	22.5	0.8	4500	8	24	603.9	16	43.5	0.9	2	PF182%20A200S1x
0.0022	26.0	15.5	6.0	22.5	0.8	4500	10	30	492.1	16	43.5	1.0	2	PF222%20A200S1x
0.0027	26.0	15.5	6.0	22.5	0.8	4500	12	36	334.1	16	43.5	1.2	2	PF272%20A200S1x
0.0033	26.0	15.5	6.0	22.5	0.8	4500	15	45	272.9	16	43.5	1.3	2	PF332%20A200S1x
0.0039	26.0	15.5	6.0	22.5	0.8	4500	18	53	208.2	16	43.5	1.5	2	PF392%20A200S1x
0.0047	26.0	15.5	6.0	22.5	0.8	4500	21	63	172.6	16	43.5	1.6	2	PF472%20A200S1x
0.0056	26.0	15.5	6.0	22.5	0.8	4500	25	76	144.7	16	43.5	1.8	2	PF562%20A200S1x
0.0068	26.0	15.5	6.0	22.5	0.8	4500	31	92	119.2	16	43.5	2.0	2	PF682%20A200S1x
0.0082	26.0	15.5	6.0	22.5	0.8	4500	37	111	98.9	16	43.5	2.2	2	PF822%20A200S1x
0.010	26.0	15.5	6.0	22.5	0.8	4500	45	135	81.1	16	43.5	2.4	2	PF103%20A200S1x
0.012	26.0	15.5	6.0	22.5	0.8	4500	54	162	67.5	16	43.5	2.6	2	PF123%20A200S1x
0.015	26.0	15.5	6.0	22.5	0.8	4500	68	203	54.0	16	43.5	2.9	2	PF153%20A200S1x
0.018	26.0	15.5	6.0	22.5	0.8	4500	81	243	45.0	16	43.5	3.2	2	PF183%20A200S1x
0.022	26.0	16.5	7.0	22.5	0.8	4500	99	297	36.8	16	41.7	3.6	2	PF223%20A200S1x
0.027	26.0	16.5	7.0	22.5	0.8	4500	122	365	30.0	16	41.7	4.0	2	PF273%20A200S1x
0.033	26.0	17.0	8.5	22.5	0.8	4500	149	446	24.6	16	40.0	4.5	2	PF333%20A200S1x
0.039	26.0	19.0	10.0	22.5	0.8	4500	176	527	20.8	16	35.1	5.2	2	PF393%20A200S1x
0.047	26.0	19.0	10.0	22.5	0.8	4500	212	635	17.2	16	35.1	5.8	2	PF473%20A200S1x
0.056	26.0	20.0	11.0	22.5	0.8	4500	252	756	16.1	16	33.9	6.1	2	PF563%20A200S1x

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

**Power Film Capacitor, High Pulse
THB Grade 2000Hours
AEC-Q200**

PF-0S1 Series

MERITEK

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%202200S1x
0.027	32.0	17.0	8.0	27.5	0.8	2500	68	203	32.7	18	35.7	4.1	2	PF273%202200S1x
0.033	32.0	18.0	9.0	27.5	0.8	2500	83	248	26.8	18	41.7	4.2	2	PF333%202200S1x
0.039	32.0	20.0	11.0	27.5	0.8	2500	98	293	22.7	18	35.7	5.0	2	PF393%202200S1x
0.047	32.0	20.0	11.0	27.5	0.8	2500	118	353	18.8	18	35.7	5.5	2	PF473%202200S1x
0.056	32.0	22.0	13.0	27.5	0.8	2500	140	420	18.4	18	33.3	5.7	2	PF563%202200S1x
0.068	32.0	22.0	13.0	27.5	0.8	2500	170	510	17.2	18	33.3	5.9	2	PF683%202200S1x
0.082	32.0	24.5	13.0	27.5	0.8	2500	205	615	16.2	18	31.3	6.3	2	PF823%202200S1x
0.10	32.0	28.0	14.0	27.5	0.8	2500	250	750	13.3	18	27.8	7.4	2	PF104%202200S1x
0.12	32.0	33.0	18.0	27.5	0.8	2500	300	900	14.7	18	21.7	7.9	2	PF124%202200S1x
0.15	32.0	33.0	18.0	27.5	0.8	2500	375	1125	13.7	18	21.7	8.2	2	PF154%202200S1x
0.18	32.0	37.0	22.0	27.5	1.0	2500	450	1350	14.7	18	17.2	8.9	2	PF184%202200S1x
0.22	32.0	37.0	22.0	27.5	1.0	2500	550	1650	13.4	18	17.2	9.3	2	PF224%202200S1x
0.033	42.0	22.0	11.0	37.5	1.0	1500	50	149	30.6	20	30.3	4.6	2	PF333%203200S1x
0.039	42.0	22.0	11.0	37.5	1.0	1500	59	176	25.9	20	30.3	5.0	2	PF393%203200S1x
0.047	42.0	22.0	11.0	37.5	1.0	1500	71	212	21.5	20	30.3	5.5	2	PF473%203200S1x
0.056	42.0	22.0	11.0	37.5	1.0	1500	84	252	18.1	20	30.3	6.0	2	PF563%203200S1x
0.068	42.0	22.0	11.0	37.5	1.0	1500	102	306	14.9	20	30.3	6.7	2	PF683%203200S1x
0.082	42.0	22.0	11.0	37.5	1.0	1500	123	369	12.3	20	30.3	7.3	2	PF823%203200S1x
0.10	42.0	24.0	13.0	37.5	1.0	1500	150	450	13.5	20	27.8	7.3	2	PF104%203200S1x
0.12	42.0	24.0	13.0	37.5	1.0	1500	180	540	14.0	20	27.8	7.2	2	PF124%203200S1x
0.15	42.0	28.5	16.0	37.5	1.0	1500	225	675	15.7	20	20.0	8.0	2	PF154%203200S1x
0.18	42.0	28.5	16.0	37.5	1.0	1500	270	810	15.0	20	20.0	8.2	2	PF184%203200S1x
0.22	42.0	32.0	19.0	37.5	1.0	1500	330	990	13.8	20	17.9	9.0	2	PF224%203200S1x
0.27	42.0	40.0	20.0	37.5	1.0	1500	405	1215	12.5	20	13.9	10.7	2	PF274%203200S1x
0.33	42.0	40.0	20.0	37.5	1.0	1500	495	1485	12.3	20	13.9	10.8	2	PF334%203200S1x
0.39	42.0	44.0	24.0	37.5	1.0	1500	585	1755	10.4	20	12.2	12.6	2	PF394%203200S1x
0.47	42.0	44.0	24.0	37.5	1.0	1500	705	2115	8.6	20	12.2	13.8	2	PF474%203200S1x
0.56	42.0	45.0	30.0	37.5	1.0	1500	840	2520	9.6	20	10.0	14.4	2	PF564%203200S1x
0.68	42.0	45.0	30.0	37.5	1.0	1500	1020	3060	9.9	20	9.1	14.9	2	PF684%203200S1x

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

**Power Film Capacitor, High Pulse
THB Grade 2000Hours
AEC-Q200**

PF-0S1 Series

MERITEK

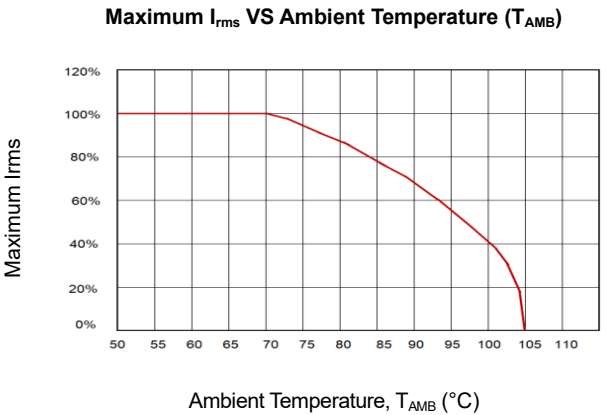
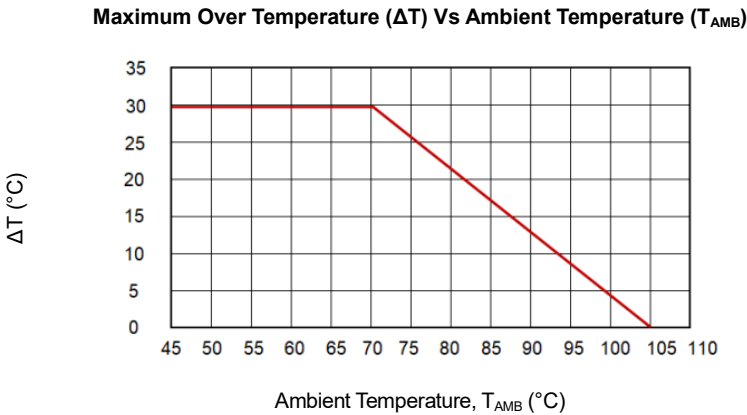
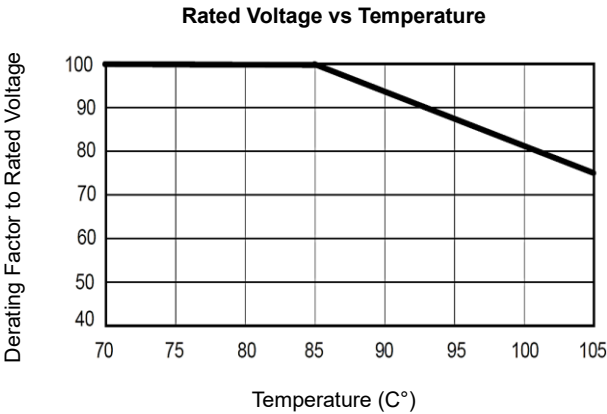
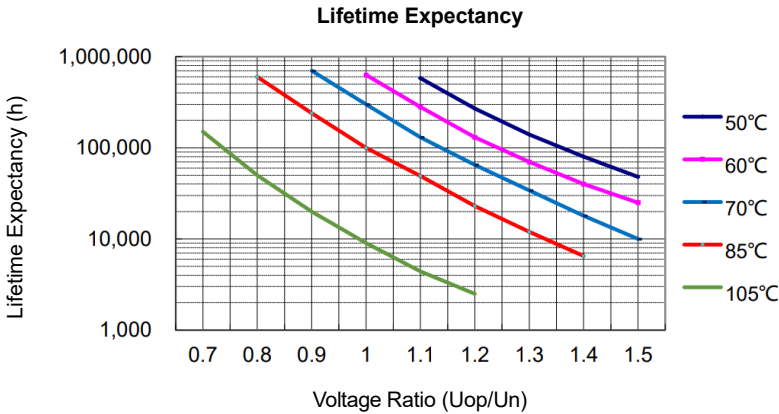
ENVIRONMENTAL TEST

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.	ΔC/C: ≤ ± 10% DF: ≤ 150*10 ⁻⁴ at 1 KHz IR: ≥ 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	ΔC/C: ≤ ± 5% DF: ≤ 15*10 ⁻⁴ at 1 KHz IR: ≥ 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	ΔC/C: ≤ ±3% DF: ≤ 15*10 ⁻⁴ at 1 KHz IR: ≥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	ΔC/C: ≤ ±5% DF: ≤ 15*10 ⁻⁴ at 1 KHz IR: ≥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	ΔC/C: ≤ ±5% DF: ≤ 15*10 ⁻⁴ at 1 KHz IR: ≥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	ΔC/C: ≤ ± 2% DF: ≤ 15*10 ⁻⁴ at 1 KHz IR: ≥ 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	ΔC/C: ≤ ± 5% DF: ≤ 15*10 ⁻⁴ at 1 KHz IR: ≥ 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)	ΔC/C: ≤ ± 1% DF: ≤ 15*10 ⁻⁴ at 1 KHz IR: ≥ 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	Frequency Change: 10--55--10 Hz, Vibration Distance: 1.5 mm Direction: X, Y, Z, Duration: 2 ±1 hours each direction	ΔC/C: ≤ ± 1% DF: ≤ 15*10 ⁻⁴ at 1 KHz IR: ≥ 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



*Specifications subject to change without notice.