Panasonic Aluminum Electrolytic Capacitors (SMD Type)

Surface Mount Type

Series : FKS Type : V High temperature Lead-Free reflow



Features

- Endurance : 105 °C 2000 h
- 1 size smaller than series FK
- Vibration-proof product is available upon request. (#8 mm and larger)
- RoHS compliant

Specifications

opeemeations											
Category temperature range	–55 °C to +105 °C										
Rated voltage range	6.3 V.DC to 50 V.DC										
Capacitance range		10 µF to 1800 µF									
Capacitance tolerance	±20 % (120 Hz/+20 °C)										
Leakage current	$I \leq 0.01 \text{ CV}$ or 3 (µA) After 2 minutes (Whichever is greater)										
Dissipation factor (tan δ)	Please see the attached characteristics list										
	V.DC	6.3	10	16	25	35	50				
Characteristics	Z(-25 °C)/Z(+20 °C)	2	2	2	2	2	2	(Impedance ratio at 100 LIT)			
at low temperature	Z(-40 °C)/Z(+20 °C)	3	3	3	3	3	3	(Impedance ratio at 120 Hz)			
	Z(-55 °C)/Z(+20 °C)	4	4	4	3	3	3				
	After applying rated working voltage for 2000 hours at +105 °C±2 °C and then being stabilized										
	at +20 °C, capacitors shall meet the following limits.										
Endurance	Capacitance change Within ±30 % of the initial value (6.3 V.DC of B, C size : Within ±40 %)										
	tan δ ≤ 200 % of the initial limit										
	DC leakege current Within the initial limit										
Shelf life								oltage applied and then being stabilized			
Shell life	at +20 °C, capacitors shall meet the limits specified in Endurance. (With voltage treatment)										
	After reflow soldering and then being stabilized at +20 °C, capacitors shall meet the following limits.										
Resistance to	Capacitance change Within ±10 % of the initial value										
soldering heat	tan δ	Withi	n the	initial	limit						
	DC leakage current Within the initial limit										
AEC-Q200	AEC-Q200 compliant										

Frequency correction factor for ripple current

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Frequency (Hz)	120	1 k	10 k	100 k to
Correction factor	0.65	0.85	0.95	1.00

Marking	Dim	nensi	ions								
Example : 6.3 V.DC 270 µF Marking color : BLACK											
Negative polarity marking (–) Capacitance (µF) 270 J KS Series identification	2	9.0∓Q¢ Pressu	L L ure Relief (¢10					ence s	size (Unit : mm)		
Rated voltage code	Size code	φD	L	А, В	H.	Ι	W	Ρ	К		
Lot number	В	4.0	5.8±0.3	4.3	5.5 max	1.8	0.65±0.1	1.0	0.35 +0.15 -0.20		
	С	5.0	5.8±0.3	5.3	6.5 max	2.2	0.65±0.1	1.5	0.35 +0.15 -0.20		
	D	6.3	5.8±0.3	6.6	7.8 max	2.6	0.65±0.1	1.8	0.35 +0.15 -0.20		
R. Voltage 6.3 10 16 25 35 50	D8	6.3	7.7±0.3	6.6	7.8 max	2.6	0.65±0.1	1.8	0.35 +0.15 -0.20		
(V.DC)	F	8.0	10.2±0.3	8.3	10.0 max	3.4	0.90±0.2	3.1	0.70±0.20		
Code j A C E V H	G	10.0	10.2±0.3	10.3	12.0 max	3.5	0.90±0.2	4.6	0.70±0.20		

Design and specifications are each subject to change without notice. Ask factory for the current technical specifications before purchase and/or use. Should a safety concern arise regarding this product, please be sure to contact us immediately.

Panasonic Aluminum Electrolytic Capacitors (SMD Type)

Characteristics list

Endurance : 105 °C 2000 h

Rated (V.DC) Case size (mm) (J.DC) Case size (mm) (J.CC) Size (L20 %) (J.F) Size (Do kHz) (J.CC) Size (L20 %) (J.20 %) (J.20 %) (J.20 %) Part No. Refow Min.Redaging 0.y (J.cc) Case size (Mm) (J.CC) L Size (Do KHz) (J.100 KHz) (J.100 KHz) (J.100 KHz) (J.100 KHz) (J.100 KHz) (J.20 %) ESP (J.20 %) Part No. Refow Taping (J.cc) Case Size (Mm) (J.20 %) Size (J.20 %) Size (J.20 %) Size (J.20 %) Size (J.20 %) Size (J.20 %) Refow Refow Taping (J.cc) 6.3 S.8 D 240 0.36 0.26 EEEFK0J151SR (S) 1000 10 10.2 G 880 0.08 0.26 EEEFK0J151SR (S) 1000 10 10.2 G 880 0.34 0.19 EEEFK1A21SR (S) 1000 10 30.6 5.8 C 160 0.70 0.19 EEEFK1A21SR (S) 1000 10 10.2 G 850 0.34 0.19 EEEFK1A21SP (S) 1000 10 5.3 S.8 D												
voltage (V.DC) (±20 %) (µP) vD L Size Corder (100 kHz) (±00 kHz) (±100 kHz			Case size (mm)			S	pecificatio	on			Min. Packaging Q'ty	
150 5 5.8 C 160 0.70 0.26 EEEFK0J151SR (5) 1000 6.3 270 6.3 5.8 D 240 0.36 0.26 EEEFK0J151SR (5) 1000 1800 10 10.2 G 850 0.34 0.26 EEEFK1A50SR (5) 2000 1800 10 10.2 G 850 0.08 0.26 EEEFK1A50SR (5) 2000 10 220 6.3 5.8 C 160 0.70 0.19 EEEFK1A50SR (5) 2000 10 220 6.3 5.8 D 240 0.36 0.19 EEEFK1A221SP (6) 500 100 330 6.3 7.7 D8 280 0.34 0.16 EEEFK1A221SP (6) 500 1000 10.2 G 850 0.08 0.16 EEEFK1C470SR (5) 2000 1200 10.2 F	voltage	(±20 %)	φD	L		current (100 kHz) (+105 °C)	(100 kHz) (+20 °C)	(120 Hz)	Part No.	Reflow		
6.3 270 6.3 5.8 D 240 0.36 0.26 EEEFK0J271SP (5) 1000 1800 10 10.2 G 850 0.08 0.26 EEEFK0J82SP (6) 500 1800 10 10.2 G 850 0.08 0.26 EEEFK0J82SP (6) 500 10 300 6.3 7.7 D8 280 0.34 0.19 EEEFK1421SP (5) 1000 10 220 6.3 5.8 D 240 0.36 0.19 EEEFK14221SP (5) 1000 300 6.3 7.7 D8 280 0.34 0.19 EEEFK14221SP (6) 500 100 10.2 G 850 0.08 0.16 EEEFK14212SP (6) 500 1200 10 10.2 G 850 0.34 0.16 EEEFK14212SP (5) 1000 16 150 6.3 5.8	N	68	4	5.8	В	90	1.35	0.26	EEEFK0J680SR	(5)	2000	
470 6.3 7.7 D8 280 0.34 0.26 EEEFKJ471XSP (5) 900 1800 10 10.2 G 850 0.08 0.26 EEEFKJ471XSP (6) 500 120 5 5.8 C 160 0.70 0.19 EEEFKIA21SR (5) 1000 10 220 6.3 5.8 D 240 0.36 0.19 EEEFKIA21SP (6) 500 220 6.3 7.7 D8 280 0.34 0.19 EEEFKIA21SP (6) 500 1200 10 10.2 G 850 0.08 0.19 EEEFKIA270SR (5) 2000 100 5 5.8 C 160 0.70 0.16 EEEFKIC470SR (5) 1000 16 150 6.3 5.8 D 240 0.36 0.16 EEEFK1C470SR (5) 1000 16 270 6.3 7.7	N	w 150	5	5.8	С	160	0.70	0.26		(5)	1000	
1800 10 10.2 G 850 0.08 0.26 EEEFK0J182SP (6) 500 10 56 4 5.8 B 90 1.35 0.19 EEEFK1AS60SR (5) 2000 10 220 6.3 5.8 D 240 0.36 0.19 EEEFK1A21SR (5) 1000 10 330 6.3 7.7 D8 280 0.34 0.19 EEEFK1A21SP (6) 500 1200 10 10.2 G 850 0.08 0.19 EEEFK1A21SP (6) 500 1200 10 10.2 G 850 0.08 0.19 EEEFK1A21SP (6) 500 16 150 6.3 7.7 D8 280 0.34 0.16 EEEFK1A21SP (5) 1000 16 150 6.3 7.7 D8 280 0.34 0.16 EEEFK1C51SP (5) 1000 16 <th< td=""><td>6.3</td><td>270</td><td>6.3</td><td>5.8</td><td>D</td><td>240</td><td>0.36</td><td>0.26</td><td>EEEFK0J271SP</td><td>(5)</td><td>1000</td></th<>	6.3	270	6.3	5.8	D	240	0.36	0.26	EEEFK0J271SP	(5)	1000	
56 4 5.8 B 90 1.35 0.19 EEEFKIA560SR (5) 2000 10 220 6.3 5.8 C 160 0.70 0.19 EEEFKIA121SR (5) 1000 10 230 6.3 7.7 D8 280 0.34 0.19 EEEFKIA221SP (6) 500 820 8 10.2 F 600 0.16 0.19 EEEFKIA221SP (6) 500 1200 10 10.2 G 850 0.08 0.19 EEEFKIA221SP (6) 500 1200 10 5.8 C 160 0.70 0.16 EEEFKIA22SP (6) 500 16 150 6.3 5.8 D 240 0.36 0.16 EEEFK1247SP (5) 1000 16 150 6.3 7.7 D8 280 0.34 0.16 EEEFK1247SP (5) 900 1000 10.2 <		470	6.3	7.7	D8	280	0.34	0.26	EEEFKJ471XSP	(5)	900	
Image: 120 5 5.8 C 160 0.70 0.19 EEEFK1A121SR (5) 1000 10 30 6.3 7.7 D8 280 0.34 0.19 EEEFK1A221SP (5) 1000 320 6.3 7.7 D8 280 0.34 0.19 EEEFK1A221SP (6) 500 1200 10 10.2 G 850 0.08 0.19 EEEFK1A32SP (6) 500 1200 10 10.2 G 850 0.08 0.19 EEEFK1A122SP (6) 500 1200 10 5 5.8 C 160 0.70 0.16 EEEFK1C10SR (5) 1000 16 150 6.3 7.7 D8 280 0.34 0.16 EEEFK1C1STSP (5) 1000 16 150 6.3 7.7 D8 280 0.34 0.14 EEEFK1C10STSP (5) 2000 1000 10.2		1800	10	10.2	G	850	0.08	0.26	EEEFK0J182SP	(6)	500	
10 220 6.3 5.8 D 240 0.36 0.19 EEEFK1A221SP (5) 1000 330 6.3 7.7 D8 280 0.34 0.19 EEEFK1A321SP (5) 900 320 8 10.2 F 600 0.16 0.19 EEEFK1A221SP (6) 500 1200 10 10.2 G 850 0.08 0.19 EEEFK1A122SP (6) 500 1200 10 10.2 G 850 0.08 0.16 EEEFK1A122SP (6) 500 1200 10 5 5.8 C 160 0.70 0.16 EEEFK1C10SR (5) 1000 16 270 6.3 7.7 D8 280 0.34 0.16 EEEFK1C101SP (6) 500 1000 10 10.2 G 850 0.08 0.16 EEEFK1E101SP (5) 1000 25 150 6.3	N	W 56	4	5.8	В	90	1.35	0.19	EEEFK1A560SR	(5)	2000	
10 330 6.3 7.7 D8 280 0.34 0.19 EEEFKA331XSP (5) 900 820 8 10.2 F 600 0.16 0.19 EEEFK1A821SP (6) 500 1200 10 10.2 G 850 0.08 0.19 EEEFK1A821SP (6) 500 1200 10 5 5.8 C 160 0.70 0.16 EEEFK1C40SR (5) 1000 16 150 6.3 5.8 D 240 0.36 0.16 EEEFK1C10SR (5) 1000 10 10.2 G 850 0.34 0.16 EEEFK1C10SP (6) 500 1000 10 10.2 G 850 0.34 0.14 EEEFK1C102SP (6) 500 1000 10 10.2 G 850 0.34 0.14 EEEFK1C102SP (5) 1000 100 6.3 7.7 D8	N	W 120	5	5.8	С	160	0.70	0.19	EEEFK1A121SR	(5)	1000	
330 6.3 7.7 D8 280 0.34 0.19 EEEFKA33XSP (5) 900 820 8 10.2 F 600 0.16 0.19 EEEFK1A821SP (6) 500 1200 10 10.2 G 850 0.08 0.19 EEEFK1A122SP (6) 500 1200 10 5 5.8 C 160 0.70 0.16 EEEFK1A122SP (5) 1000 16 150 6.3 5.8 D 240 0.36 0.16 EEEFK1C151SP (5) 1000 16 150 6.3 7.7 D8 280 0.34 0.16 EEEFK1C151SP (5) 900 560 8 10.2 F 600 0.16 0.16 EEEFK1C102SP (6) 500 1000 10 10.2 G 850 0.34 0.14 EEEFK1E50SR (5) 1000 25 150 6.3	10	220	6.3	5.8	D	240	0.36	0.19	EEEFK1A221SP	(5)	1000	
1200 10 10.2 G 850 0.08 0.19 EEEFK1A122SP (6) 500 1207 47 4 5.8 B 90 1.35 0.16 EEEFK1C470SR (5) 2000 16 150 6.3 5.8 C 160 0.70 0.16 EEEFK1C101SR (5) 1000 16 150 6.3 7.7 D8 280 0.34 0.16 EEEFK1C151SP (5) 900 560 8 10.2 F 600 0.16 0.16 EEEFK1C21XSP (5) 900 560 8 10.2 F 600 0.16 0.16 EEEFK1C271XSP (6) 500 1000 10 10.2 G 850 0.08 0.14 EEEFK1E270SR (5) 1000 1000 6.3 5.8 D 240 0.36 0.14 EEEFK1E50SR (5) 900 25 150 6.3	10	330	6.3	7.7	D8	280	0.34	0.19	EEEFKA331XSP	(5)	900	
Ray 47 4 5.8 B 90 1.35 0.16 EEEFK1C470SR (5) 2000 16 150 6.3 5.8 C 160 0.70 0.16 EEEFK1C101SR (5) 1000 270 6.3 7.7 D8 280 0.34 0.16 EEEFK1C151SP (5) 900 560 8 10.2 F 600 0.16 0.16 EEEFK1C561SP (6) 500 1000 10 10.2 G 850 0.08 0.14 EEEFK1C361SP (6) 500 1000 10 10.2 G 850 0.08 0.14 EEEFK1C360SR (5) 2000 100 6.3 5.8 D 240 0.36 0.14 EEEFK150SR (5) 900 100 6.3 7.7 D8 280 0.34 0.14 EEEFK151SXSP (5) 900 180 6.3 7.7 D8		820	8	10.2	F	600	0.16	0.19	EEEFK1A821SP	(6)	500	
Image <th< td=""><td></td><td>1200</td><td>10</td><td>10.2</td><td>G</td><td>850</td><td>0.08</td><td>0.19</td><td>EEEFK1A122SP</td><td>(6)</td><td>500</td></th<>		1200	10	10.2	G	850	0.08	0.19	EEEFK1A122SP	(6)	500	
16 150 6.3 5.8 D 240 0.36 0.16 EEEFK1C151SP (5) 1000 270 6.3 7.7 D8 280 0.34 0.16 EEEFK1C151SP (5) 900 560 8 10.2 F 600 0.16 0.16 EEEFK1C561SP (6) 500 1000 10 10.2 G 850 0.08 0.16 EEEFK1C102SP (6) 500 1000 10 10.2 G 850 0.08 0.14 EEEFK1C102SP (6) 500 1000 6.3 5.8 D 240 0.36 0.14 EEEFK1E101SP (5) 1000 10 6.3 7.7 D8 280 0.34 0.14 EEEFK1E101SP (5) 900 180 6.3 7.7 D8 280 0.34 0.14 EEEFK1E31XSP (5) 900 390 8 10.2 F 600			4	5.8	В	90	1.35	0.16	EEEFK1C470SR	(5)	2000	
16 270 6.3 7.7 D8 280 0.34 0.16 EEEFKC271XSP (5) 900 560 8 10.2 F 600 0.16 0.16 EEEFK1C561SP (6) 500 1000 10 10.2 G 850 0.08 0.16 EEEFK1C102SP (6) 500 1000 10 10.2 G 850 0.08 0.14 EEEFK1E270SR (5) 2000 100 6.3 5.8 C 160 0.70 0.14 EEEFK1E270SR (5) 1000 25 56 5 5.8 C 160 0.70 0.14 EEEFK1E30SP (5) 1000 25 150 6.3 7.7 D8 280 0.34 0.14 EEEFK1E301SP (5) 900 390 8 10.2 F 600 0.16 0.14 EEEFK1E31XSP (5) 2000 680 10 10.2		W 100	5	5.8	С	160	0.70	0.16	EEEFK1C101SR	(5)	1000	
270 6.3 7.7 D8 280 0.34 0.16 EEEFK127ASP (5) 900 560 8 10.2 F 600 0.16 0.16 EEEFK12561SP (6) 500 1000 10 10.2 G 850 0.08 0.16 EEEFK1270SR (5) 2000 100 10 10.2 G 850 0.08 0.14 EEEFK1270SR (5) 2000 100 6.3 5.8 D 240 0.36 0.14 EEEFK1250SR (5) 1000 100 6.3 7.7 D8 280 0.34 0.14 EEEFK151XSP (5) 900 180 6.3 7.7 D8 280 0.34 0.14 EEEFK181XSP (6) 500 390 8 10.2 F 600 0.16 0.14 EEEFK1861SP (6) 500 680 10 10.2 G 850 0.08	10	150	6.3	5.8	D	240	0.36	0.16	EEEFK1C151SP	(5)	1000	
1000 10 10.2 G 850 0.08 0.16 EEEFK1C102SP (6) 500 27 4 5.8 B 90 1.35 0.14 EEEFK1E270SR (5) 2000 200 56 5 5.8 C 160 0.70 0.14 EEEFK1E30SR (5) 1000 25 150 6.3 7.7 D8 280 0.34 0.14 EEEFK151XSP (5) 900 25 150 6.3 7.7 D8 280 0.34 0.14 EEEFK151XSP (5) 900 390 8 10.2 F 600 0.16 0.14 EEEFK181XSP (6) 500 680 10 10.2 G 850 0.88 0.14 EEEFK1831XSP (6) 500 680 10 10.2 G 850 0.88 0.14 EEEFK1831XSP (6) 500 680 10.2 G 850	16	270	6.3	7.7	D8	280	0.34	0.16	EEEFKC271XSP	(5)	900	
Lag 27 4 5.8 B 90 1.35 0.14 EEEFK1E270SR (5) 2000 Lag 56 5 5.8 C 160 0.70 0.14 EEEFK1E270SR (5) 1000 25 100 6.3 5.8 D 240 0.36 0.14 EEEFK1E101SP (5) 1000 25 150 6.3 7.7 D8 280 0.34 0.14 EEEFK1E101SP (5) 900 390 8 10.2 F 600 0.16 0.14 EEEFK1E31XSP (6) 500 680 10 10.2 G 850 0.08 0.14 EEEFK1E31XSP (6) 500 680 10 10.2 G 850 0.08 0.14 EEEFK1E831SP (6) 500 680 10 10.2 G 850 0.08 0.12 EEEFK1V880SR (5) 1000 733 5		560	8	10.2	F	600	0.16	0.16	EEEFK1C561SP	(6)	500	
Kar 56 5 5.8 C 160 0.70 0.14 EEEFK1E560SR (5) 1000 25 150 6.3 7.7 D8 280 0.34 0.14 EEEFK1E101SP (5) 1000 26 150 6.3 7.7 D8 280 0.34 0.14 EEEFK1E101SP (5) 900 180 6.3 7.7 D8 280 0.34 0.14 EEEFK1E131XSP (5) 900 390 8 10.2 F 600 0.16 0.14 EEEFK1E31XSP (6) 500 680 10 10.2 G 850 0.08 0.14 EEEFK1E31SSP (6) 500 688 6.3 5.8 C 160 0.70 0.12 EEEFK1V309SR (5) 1000 35 82 6.3 5.8 D 240 0.36 0.12 EEEFK1V30SSR (5) 1000 35 82		1000	10	10.2	G	850	0.08	0.16	EEEFK1C102SP	(6)	500	
25 100 6.3 5.8 D 240 0.36 0.14 EEEFK1E101SP (5) 1000 150 6.3 7.7 D8 280 0.34 0.14 EEEFK151XSP (5) 900 180 6.3 7.7 D8 280 0.34 0.14 EEEFK151XSP (5) 900 390 8 10.2 F 600 0.16 0.14 EEEFK18391SP (6) 500 680 10 10.2 G 850 0.08 0.14 EEEFK18391SP (6) 500 680 10 10.2 G 850 0.08 0.14 EEEFK18391SP (6) 500 680 10 10.2 G 850 0.08 0.12 EEEFK1V30SR (5) 1000 180 6.3 5.8 D 240 0.36 0.12 EEEFK1V30SPR (5) 1000 35 82 6.3 5.8 D <		W 27	4	5.8	В	90	1.35	0.14	EEEFK1E270SR	(5)	2000	
100 6.3 5.8 D 240 0.36 0.14 EEEFK1E101SP (5) 1000 25 150 6.3 7.7 D8 280 0.34 0.14 EEEFK151XSP (5) 900 180 6.3 7.7 D8 280 0.34 0.14 EEEFK151XSP (5) 900 390 8 10.2 F 600 0.16 0.14 EEEFK18391SP (6) 500 680 10 10.2 G 850 0.08 0.14 EEEFK18391SP (6) 500 680 10 10.2 G 850 0.08 0.14 EEEFK18391SP (6) 500 680 10 10.2 G 850 0.08 0.12 EEEFK1V30SR (5) 1000 733 5 5.8 C 160 0.70 0.12 EEEFK1V30SPR (5) 1000 35 82 6.3 5.8 D <td< td=""><td>N</td><td>w 56</td><td>5</td><td>5.8</td><td>С</td><td>160</td><td>0.70</td><td>0.14</td><td>EEEFK1E560SR</td><td></td><td>1000</td></td<>	N	w 56	5	5.8	С	160	0.70	0.14	EEEFK1E560SR		1000	
25 150 6.3 7.7 D8 280 0.34 0.14 EEEFKE151XSP (5) 900 180 6.3 7.7 D8 280 0.34 0.14 EEEFKE151XSP (5) 900 390 8 10.2 F 600 0.16 0.14 EEEFK18391SP (6) 500 680 10 10.2 G 850 0.08 0.14 EEEFK1E681SP (6) 500 680 10 10.2 G 850 0.08 0.14 EEEFK1V390SR (5) 2000 18 4 5.8 B 90 1.35 0.12 EEEFK1V80SR (5) 2000 190 6.3 5.8 D 240 0.36 0.12 EEEFK1V80SP (5) 1000 35 82 6.3 5.8 D 240 0.36 0.12 EEEFK1V80SP (5) 1000 35 82 6.3 7.7		100	6.3	5.8	D	240	0.36	0.14	EEEFK1E101SP		1000	
390 8 10.2 F 600 0.16 0.14 EEEFK1E391SP (6) 500 680 10 10.2 G 850 0.08 0.14 EEEFK1E681SP (6) 500 18 4 5.8 B 90 1.35 0.12 EEEFK1V390SR (5) 2000 127 39 5 5.8 C 160 0.70 0.12 EEEFK1V390SR (5) 1000 68 6.3 5.8 D 240 0.36 0.12 EEEFK1V680SP (5) 1000 35 82 6.3 5.8 D 240 0.36 0.12 EEEFK1V680SP (5) 1000 35 82 6.3 7.7 D8 280 0.34 0.12 EEEFK1V820SP (5) 1000 270 8 10.2 F 600 0.16 0.12 EEEFK1V271SP (6) 500 270 8 10.2 G<	25	150	6.3	7.7	D8	280	0.34	0.14	EEEFKE151XSP	(5)	900	
680 10 10.2 G 850 0.08 0.14 EEEFK1E681SP (6) 500 18 4 5.8 B 90 1.35 0.12 EEEFK1V180SR (5) 2000 18 4 5.8 C 160 0.70 0.12 EEEFK1V180SR (5) 1000 18 4 5.8 C 160 0.70 0.12 EEEFK1V390SR (5) 1000 68 6.3 5.8 D 240 0.36 0.12 EEEFK1V680SP (5) 1000 35 82 6.3 5.8 D 240 0.36 0.12 EEEFK1V680SP (5) 1000 35 82 6.3 7.7 D8 280 0.34 0.12 EEEFK1V271SP (5) 900 270 8 10.2 F 600 0.16 0.12 EEEFK1V471SP (6) 500 102 10 4 5.8 B		180	6.3	7.7	D8	280	0.34	0.14	EEEFKE181XSP	(5)	900	
Image 18 4 5.8 B 90 1.35 0.12 EEEFK1V180SR (5) 2000 39 5 5.8 C 160 0.70 0.12 EEEFK1V390SR (5) 1000 68 6.3 5.8 D 240 0.36 0.12 EEEFK1V390SR (5) 1000 35 82 6.3 5.8 D 240 0.36 0.12 EEEFK1V80SP (5) 1000 35 82 6.3 5.8 D 240 0.36 0.12 EEEFK1V80SP (5) 1000 120 6.3 7.7 D8 280 0.34 0.12 EEEFK1V271SP (6) 500 270 8 10.2 F 600 0.16 0.12 EEEFK1V271SP (6) 500 470 10 10.2 G 850 0.08 0.12 EEEFK1V471SP (6) 500 1000 22 5 5.		390	8	10.2	F	600	0.16	0.14	EEEFK1E391SP	(6)	500	
X=Y 39 5 5.8 C 160 0.70 0.12 EEEFK1V390SR (5) 1000 35 68 6.3 5.8 D 240 0.36 0.12 EEEFK1V390SR (5) 1000 35 82 6.3 5.8 D 240 0.36 0.12 EEEFK1V680SP (5) 1000 35 82 6.3 5.8 D 240 0.36 0.12 EEEFK1V80SP (5) 1000 120 6.3 7.7 D8 280 0.34 0.12 EEEFK1V21XSP (5) 900 270 8 10.2 F 600 0.16 0.12 EEEFK1V271SP (6) 500 470 10 10.2 G 850 0.08 0.12 EEEFK1V471SP (6) 500 470 10 4 5.8 B 60 3.50 0.10 EEEFK1H0SR (5) 2000 400 2 <td></td> <td>680</td> <td>10</td> <td>10.2</td> <td>G</td> <td>850</td> <td>0.08</td> <td>0.14</td> <td>EEEFK1E681SP</td> <td>(6)</td> <td>500</td>		680	10	10.2	G	850	0.08	0.14	EEEFK1E681SP	(6)	500	
68 6.3 5.8 D 240 0.36 0.12 EEEFK1V680SP (5) 1000 35 82 6.3 5.8 D 240 0.36 0.12 EEEFK1V680SP (5) 1000 120 6.3 7.7 D8 280 0.34 0.12 EEEFK1V820SP (5) 900 270 8 10.2 F 600 0.16 0.12 EEEFK1V271SP (6) 500 470 10 10.2 G 850 0.08 0.12 EEEFK1V471SP (6) 500 470 10 10.2 G 850 0.08 0.12 EEEFK1V471SP (6) 500 10 4 5.8 B 60 3.50 0.10 EEEFK1H00SR (5) 2000 10 22 5 5.8 C 85 1.52 0.10 EEEFK1H20SR (5) 1000 50 39 6.3 5.8 D <td>N</td> <td>W 18</td> <td>4</td> <td>5.8</td> <td>В</td> <td>90</td> <td>1.35</td> <td>0.12</td> <td>EEEFK1V180SR</td> <td>(5)</td> <td>2000</td>	N	W 18	4	5.8	В	90	1.35	0.12	EEEFK1V180SR	(5)	2000	
35 82 6.3 5.8 D 240 0.36 0.12 EEEFK1V820SP (5) 1000 120 6.3 7.7 D8 280 0.34 0.12 EEEFK1V820SP (5) 900 270 8 10.2 F 600 0.16 0.12 EEEFK1V271SP (6) 500 470 10 10.2 G 850 0.08 0.12 EEEFK1V471SP (6) 500 470 10 10.2 G 850 0.08 0.12 EEEFK1V471SP (6) 500 470 10 4 5.8 B 600 3.50 0.10 EEEFK1H100SR (5) 2000 10 4 5.8 C 85 1.52 0.10 EEEFK1H20SR (5) 1000 10 39 6.3 5.8 D 165 0.88 0.10 EEEFK1H390SP (5) 1000 82 6.3 7.7 D8		W 39	5	5.8	С	160	0.70	0.12	EEEFK1V390SR	(5)	1000	
120 6.3 7.7 D8 280 0.34 0.12 EEEFKV121XSP (5) 900 270 8 10.2 F 600 0.16 0.12 EEEFK1V271SP (6) 500 470 10 10.2 G 850 0.08 0.12 EEEFK1V471SP (6) 500 470 10 4 5.8 B 600 3.50 0.10 EEEFK1V471SP (6) 500 10 4 5.8 B 60 3.50 0.10 EEEFK1H100SR (5) 2000 10 22 5 5.8 C 85 1.52 0.10 EEEFK1H220SR (5) 1000 10 39 6.3 5.8 D 165 0.88 0.10 EEEFK1H390SP (5) 1000 82 6.3 7.7 D8 195 0.68 0.10 EEEFK1H390SP (5) 900 180 8 10.2 F <td></td> <td>68</td> <td>6.3</td> <td>5.8</td> <td>D</td> <td>240</td> <td>0.36</td> <td>0.12</td> <td>EEEFK1V680SP</td> <td>(5)</td> <td>1000</td>		68	6.3	5.8	D	240	0.36	0.12	EEEFK1V680SP	(5)	1000	
270 8 10.2 F 600 0.16 0.12 EEEFK1V271SP (6) 500 470 10 10.2 G 850 0.08 0.12 EEEFK1V271SP (6) 500 470 10 4 5.8 B 60 3.50 0.10 EEEFK1V471SP (6) 500 10 4 5.8 B 60 3.50 0.10 EEEFK1H100SR (5) 2000 10 22 5 5.8 C 85 1.52 0.10 EEEFK1H20SR (5) 1000 50 39 6.3 5.8 D 165 0.88 0.10 EEEFK1H300SP (5) 1000 50 82 6.3 7.7 D8 195 0.68 0.10 EEEFK1H30XSP (5) 900 180 8 10.2 F 350 0.34 0.10 EEEFK1H181SP (6) 500	35	82	6.3	5.8	D	240	0.36	0.12	EEEFK1V820SP	(5)	1000	
470 10 10.2 G 850 0.08 0.12 EEEFK1V471SP (6) 500 Max 10 4 5.8 B 60 3.50 0.10 EEEFK1V471SP (6) 500 Max 22 5 5.8 C 85 1.52 0.10 EEEFK1H20SR (5) 1000 50 39 6.3 5.8 D 165 0.88 0.10 EEEFK1H300SP (5) 1000 50 39 6.3 7.7 D8 195 0.68 0.10 EEEFK1H820XSP (5) 900 180 8 10.2 F 350 0.34 0.10 EEEFK1H181SP (6) 500		120	6.3	7.7	D8	280	0.34	0.12	EEEFKV121XSP	(5)	900	
New 10 4 5.8 B 60 3.50 0.10 EEEFK1H100SR (5) 2000 New 22 5 5.8 C 85 1.52 0.10 EEEFK1H220SR (5) 1000 39 6.3 5.8 D 165 0.88 0.10 EEEFK1H390SP (5) 1000 82 6.3 7.7 D8 195 0.68 0.10 EEEFK1H820XSP (5) 900 180 8 10.2 F 350 0.34 0.10 EEEFK1H181SP (6) 500		270	8	10.2	F	600	0.16	0.12	EEEFK1V271SP	(6)	500	
XMI 22 5 5.8 C 85 1.52 0.10 EEEFK1H220SR (5) 1000 50 39 6.3 5.8 D 165 0.88 0.10 EEEFK1H390SP (5) 1000 50 82 6.3 7.7 D8 195 0.68 0.10 EEEFK1H390SP (5) 900 180 8 10.2 F 350 0.34 0.10 EEEFK1H181SP (6) 500	F	470	10	10.2	G	850	0.08	0.12	EEEFK1V471SP	(6)	500	
XMI 22 5 5.8 C 85 1.52 0.10 EEEFK1H220SR (5) 1000 50 39 6.3 5.8 D 165 0.88 0.10 EEEFK1H390SP (5) 1000 50 82 6.3 7.7 D8 195 0.68 0.10 EEEFK1H390SP (5) 900 180 8 10.2 F 350 0.34 0.10 EEEFK1H181SP (6) 500	N	w 10	4	5.8	В	60	3.50	0.10	EEEFK1H100SR	(5)	2000	
50 82 6.3 7.7 D8 195 0.68 0.10 EEEFKH820XSP (5) 900 180 8 10.2 F 350 0.34 0.10 EEEFKH810XSP (6) 500	N	W 22	5	5.8	С	85	1.52	0.10	EEEFK1H220SR	(5)	1000	
50 82 6.3 7.7 D8 195 0.68 0.10 EEEFKH820XSP (5) 900 180 8 10.2 F 350 0.34 0.10 EEEFKH810XSP (6) 500	50	39	6.3	5.8	D	165	0.88	0.10	EEEFK1H390SP	(5)	1000	
180 8 10.2 F 350 0.34 0.10 EEEFK1H181SP (6) 500		82	6.3	7.7	D8	195	0.68	0.10	EEEFKH820XSP		900	
		180	8	10.2	F	350	0.34	0.10	EEEFK1H181SP		500	
		270	10	10.2	G	670	0.18	0.10	EEEFK1H271SP		500	

If Part number exceeds 12 digits, voltage code is abbreviated as follows; $0J \rightarrow J$, $1A \rightarrow A$, $1C \rightarrow C$, $1E \rightarrow E$, $1V \rightarrow V$, $1H \rightarrow H \rightarrow P$ lease refer to the page of "Reflow Profile" and "The Taping Dimensions". • When requesting vibration-proof product, please put the last "V" instead to "P"