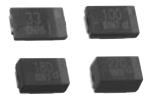
SP-Cap Surface Mount Type

Series: FD, CD, CX, UD, UE

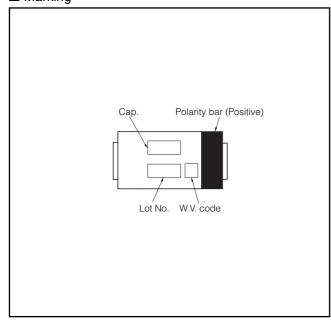


- Features
- Low ESR
- Excellent Noise-absorbent Characteristics
- RoHS directive compliant

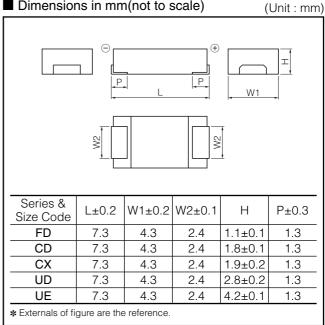
■ Specifications

Series & Size Code FD		CD	CX	UD	UE					
Category Temp. Range	-40 °C to +105 °C									
Rated W.V.Range	2 V.DC to 12.5 V.DC	2 V.DC to 16 V.DC	2 V.DC to 6.3 V.DC	2 V.DC to 8 V.DC	2 V.DC to 8 V.DC					
Nominal Cap.Range	15 μF to 68 μF	2.2 μF to 220 μF	100 μF to 560 μF	68 μF to 470 μF	100 μF to 560 μF					
Capacitance Tolerance		±20 %								
DC Leakage Current	Reflow 240 °C : I ≤ 0.06 CV (μA) 2minutes (2 V.DC to 4 V.DC) I ≤ 0.04 CV or 3 (μA) 2 minutes (6.3 V.DC to 16 V.DC) (Whichever is greater)									
	Reflow 260 °C : I ≤ 0.1 CV (μA) 2 minutes									
tan δ	≤ 0.06 (120 Hz/+20 °C) ≤0.10 (120 Hz/+20 °C)									
Surge Voltage	Rated Working Voltage × 1.25 (15 °C to 35 °C)									
	After applying rated working voltage for 1000 hours at 105 °C±2 °C, and then being stabilized at +20 °C, capacitor shall meet the following limits.									
Endurance	Capacitance change ±10% of initial measured value									
	tan δ \leq Initial specified value									
	DC leakage current ≤ Initial specified value									
Moisture resistance	After storing for 500 hours at 60 °C, 90 %									
	Capacitance change of initial measurd	2, 2.5 V.DC	4 V.DC	6.3 V.DC	8 V.DC to 16 V.DC					
	value	+70, –20 %	+60, -20 %	+50, -20 %	+40, -20 %					
	tan δ	≤ 200 % of initial specified value								
	DC leakage current	≤ Initial specified val	ue							

■ Marking



■ Dimensions in mm(not to scale)



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■ Standard Products

O: available, —: not available

Size Code (VIDC) (L(20 %) (L(mm)) (mm) (mm) (mm) (Mins) (Standard	a Flouu	CIS							avallable, -	. 1101 470	anabio
Series & Note Size Code	Series & W.V.		0	Case Size			Specification			Reflow condition		N.4.:
Size Code VVC Cip		Rated					'					Min.
FD									Part number	240 °€	260 °C	Packaging
PD			(±20 %)					ESH	1 art riumber			Q'ty
FD		(V.DC)	(µF)	(mm)		(mm)				~ 0	🔨	(pcs)
FD 4 39 7.3 4.3 1.1 2.0 28 EFFDOES60R #8 0 — 4 39 7.3 4.3 1.1 2.0 28 EFFDOGS90R #5 0 — 6.3 33 7.3 4.3 1.1 2.0 28 EFFDOGS90R #5 0 — 6.3 33 7.3 4.3 1.1 2.0 28 EFFDOGS90R #5 0 — 6.3 33 7.3 4.3 1.1 2.0 28 EFFDOGS90R #5 0 — 6.3 33 7.3 4.3 1.1 2.0 28 EFFDOGS90R #5 0 — 6.3 32 7.3 4.3 1.1 2.0 28 EFFDOGS90R #5 0 — 6.3 2.2 7.3 4.3 1.1 2.0 28 EFFDOGS90R #5 0 — 6.3 2.2 7.3 4.3 1.8 2.7 1.5 EFFDOGS90R #6 0 — 6.3 2.2 7.3 4.3 1.8 2.7 1.5 EFFDOGS90R #6 0 — 6.3 2.2 7.3 4.3 1.8 2.7 1.5 EFFDOGS90R #6 0 — 6.3 2.2 7.3 4.3 1.8 2.7 1.5 EFFDOGS90R #6 0 — 6.3 2.2 7.3 4.3 1.8 2.5 1.8 EFFDOGS90R			., ,					, ,				
FD 4 39 7.3 4.3 1.1 2.0 28 EEFFDOG390R #\$ 0 — 6.3 47 7.3 4.3 1.1 2.0 28 EEFFDOG390R #\$ 0 — 6.3 33 7.3 4.3 1.1 2.0 28 EEFFDOG390R #\$ 0 — 12.5 15 7.3 4.3 1.1 2.0 28 EEFFDOG390R #\$ 0 — 12.5 15 7.3 4.3 1.1 2.0 28 EEFFDOG390R #\$ 0 — 12.5 15 7.3 4.3 1.1 2.0 28 EEFFDOG390R #\$ 0 — 12.5 15 7.3 4.3 1.1 2.0 28 EEFFDOG390R #\$ 0 — 12.5 15 7.3 4.3 1.1 2.0 28 EEFFDOG390R #\$ 0 — 12.5 15 7.3 4.3 1.8 2.5 18 EEFCDDO101EF #\$ 44 0 0 0 7.3 4.3 1.8 2.5 18 EEFCDD0101EF #\$ 44 0 0 0 7.3 4.3 1.8 2.5 18 EEFCDD0101EF #\$ 44 0 0 0 7.3 4.3 1.8 2.5 18 EEFCDD011EF #\$ 44 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2.5 FD 4			4.3	1.1				0	_	3500	
FD 4 39 7.3 4.3 1.1 2.0 28 EEFFDOG390R #\$ 0 — 6.3 47 7.3 4.3 1.1 2.0 28 EEFFDOG390R #\$ 0 — 6.3 33 7.3 4.3 1.1 2.0 28 EEFFDOG390R #\$ 0 — 12.5 15 7.3 4.3 1.1 2.0 28 EEFFDOG390R #\$ 0 — 12.5 15 7.3 4.3 1.1 2.0 28 EEFFDOG390R #\$ 0 — 12.5 15 7.3 4.3 1.1 2.0 28 EEFFDOG390R #\$ 0 — 12.5 15 7.3 4.3 1.1 2.0 28 EEFFDOG390R #\$ 0 — 12.5 15 7.3 4.3 1.1 2.0 28 EEFFDOG390R #\$ 0 — 12.5 15 7.3 4.3 1.8 2.5 18 EEFCDDO101EF #\$ 44 0 0 0 7.3 4.3 1.8 2.5 18 EEFCDD0101EF #\$ 44 0 0 0 7.3 4.3 1.8 2.5 18 EEFCDD0101EF #\$ 44 0 0 0 7.3 4.3 1.8 2.5 18 EEFCDD011EF #\$ 44 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		56	7.3	4.3	1.1	2.0	28	EEFFD0E560R *5			3500	
FD 4 47 7.3 4.3 1.1 2.0 28 EEFFOOGAYOR 85 0 — 8.3 22 7.3 4.3 1.1 1 2.0 28 EEFFOOGAYOR 85 0 — 12.5 15 7.3 4.3 1.1 1 2.0 28 EEFFOOGAYOR 85 0 — 12.5 15 7.3 4.3 1.1 1 2.0 28 EEFFOOGAYOR 85 0 — 12.5 15 7.3 4.3 1.1 1 2.0 28 EEFFOOGAYOR 85 0 — 12.5 15 7.3 4.3 1.1 2.0 28 EEFFOOGAYOR 85 0 — 12.5 15 7.3 4.3 1.1 2.0 28 EEFFOOGAYOR 85 0 — 12.5 16 7.3 4.3 1.8 2.7 15 EEFFOOGAYOR 85 0 — 12.6 1.0 7.3 4.3 1.8 2.7 15 EEFFOODAYOR 84 0 — 15.7 7.3 4.3 1.8 2.7 15 EEFFOODAYOR 84 0 — 15.7 7.3 4.3 1.8 2.7 15 EEFFOODAYOR 84 0 — 15.7 7.3 4.3 1.8 2.7 15 EEFFOODAYOR 84 0 — 16.7 7.3 4.3 1.8 2.5 18 EEFFOODAYOR 84 0 — 18.7 7.3 4.3 1.8 2.5 18 EEFFOODAYOR 84 0 — 18.7 7.3 4.3 1.8 2.5 18 EEFFOODAYOR 84 0 — 18.7 7.3 4.3 1.8 2.5 18 EEFFOODAYOR 84 0 — 2.5 100 7.3 4.3 1.8 2.7 15 EEFFOODAYOR 84 0 — 2.5 100 7.3 4.3 1.8 2.7 15 EEFFOODAYOR 84 0 — 19.0 7.3 4.3 1.8 2.7 15 EEFFOODAYOR 84 0 — 2.5 100 7.3 4.3 1.8 2.7 15 EEFFOOBAYOR 84 0 — 19.0 7.3 4.3 1.8 2.5 18 EEFFOODAYOR 84 0 — 19.0 7.3 4.3 1.8 2.5 18 EEFFOODAYOR 84 0 — 19.0 7.3 4.3 1.8 2.5 18 EEFFOODAYOR 84 0 — 19.0 7.3 4.3 1.8 2.5 18 EEFFOOBAYOR 84 0 — 19.0 7.3 4.3 1.8 2.5 18 EEFFOOBAYOR 84 0 — 19.0 7.3 4.3 1.8 2.5 18 EEFFOOBAYOR 84 0 — 19.0 7.3 4.3 1.8 2.5 18 EEFFOOBAYOR 84 0 — 10.0 7.3 4.3 1.8 2.5 18 EEFFOOBAYOR 84 0 — 10.0 7.3 4.3 1.8 2.5 18 EEFFOOBAYOR 84 0 — 10.0 7.3 4.3 1.8 2.5 18 EEFFOOBAYOR 84 0 — 10.0 7.3 4.3 1.8 2.5 18 EEFFOOBAYOR 84 0 — 10.0 7.3 4.3 1.8 2.5 18 EEFFOOBAYOR 84 0 — 10.0 7.3 4.3 1.8 2.5 18 EEFFOOBAYOR 84 0 — 10.0 7.3 4.3 1.8 2.5 18 EEFFOOBAYOR 84 0 — 10.0 7.3 4.3 1.8 2.5 18 EEFFOOBAYOR 84 0 — 10.0 7.3 4.3 1.8 2.5 18 EEFFOOBAYOR 84 0 — 10.0 7.3 4.3 1.8 2.5 18 EEFFOOBAYOR 84 0 — 10.0 7.3 4.3 1.8 2.5 18 EEFFOOBAYOR 84 0 — 10.0 7.3 4.3 1.8 2.5 18 EEFFOOBAYOR 84 0 — 10.0 7.3 4.3 1.8 1.8 2.5 18 EEFFOOBAYOR 84 0 — 10.0 7.3 4.3 1.8 2.5 18 EEFFOOBAYOR 84 0 — 10.0 7.3 4.3 1.8 2.5 18 EEFFOOBAYOR 84 0 — 10.0 7.3 4.3 1.8 2.5 18 EEFFOOBAYOR 84 0 — 10.0 7.3 4.3 1.8 2.5 18 EEFFOOBAYOR 84 0 — 10.0 7.3 4.3 1.8 2.5 18 EEFFOOBAYOR 84 0 — 10.0 7.3 4.3 1.8 2		4			4.3	1.1				0	_	3500
6.3 33 7.3 4.3 1.1 2.0 28 EEFFD0330R #\$ 0 8 22 7.3 4.3 1.1 2.0 28 EEFFD020R #\$ 0 12.5 15 7.3 4.3 1.1 1.4 40 EEFFD01150R #\$ 0 100 7.3 4.3 1.8 2.5 1.8 EEFFD0116TER #4 0 2 120 7.3 4.3 1.8 2.5 1.8 EEFFD0121ER #4 0 2 120 7.3 4.3 1.8 2.5 1.8 EEFFD0121ER #4 0 150 7.3 4.3 1.8 2.5 1.8 EEFFD0121ER #4 0 180 7.3 4.3 1.8 2.5 1.8 EEFFD0121ER #4 0 220 7.3 4.3 1.8 2.5 1.8 EEFFD0121ER #4 0 220 7.3 4.3 1.8 2.5 1.8 EEFFD0121ER #4 0 82 7.3 4.3 1.8 2.5 1.8 EEFFD0121ER #4 0 82 7.3 4.3 1.8 2.5 1.8 EEFFD0121ER #4 0 2.5 100 7.3 4.3 1.8 2.5 1.8 EEFFD0121ER #4 0 2.5 100 7.3 4.3 1.8 2.5 1.8 EEFFD0121ER #4 0 2.5 100 7.3 4.3 1.8 2.5 1.8 EEFFD0121ER #4 0 2.5 100 7.3 4.3 1.8 2.5 1.8 EEFFD0121ER #4 0 2.5 100 7.3 4.3 1.8 2.5 1.8 EEFFD0121ER #4 0 4 68 7.3 4.3 1.8 2.5 1.8 EEFFD0121ER #4 0 4 68 7.3 4.3 1.8 2.5 1.8 EEFFD0121ER #4 0 4 68 7.3 4.3 1.8 2.5 1.8 EEFFD0121ER #4 0 4 68 7.3 4.3 1.8 2.5 1.8 EEFFD0121ER #4 0 4 68 7.3 4.3 1.8 2.5 1.8 EEFFD0121ER #4 0 4 68 7.3 4.3 1.8 2.5 1.8 EEFFD0121ER #4 0 4 68 7.3 4.3 1.8 2.5 1.8 EEFFD0121ER #4 0 4 68 7.3 4.3 1.8 2.5 1.8 EEFFD0121ER #4 0 5 7.3 4.3 1.8 2.5 1.8 EEFFD0121ER #4 0 6 8 7.3 4.3 1.8 2.5 1.8 EEFFD0121ER #4 0 6 8 7.3 4.3 1.8 2.5 1.8 EEFFD0121ER #4 0 6 8 7.3 4.3 1.8 2.5 1.8 EEFFD0121ER #4 0 6 8 7.3 4.3 1.8 2.5 1.8 EEFFD0121ER #4 0 6 8 7.3 4.3 1.8 2.5 1.8 EEFFD0121ER #4 0 6 8 7.3 4.3 1.8 2.5 1.8 EEFFD0121ER #4 0 6 8		4									_	3500
8 22 7.3 4.3 1.1 2.0 28 EEFFORC20R #\$ 0		63										3500
125												3500
100	_											
100		12.5	15								_	3500
120 73 43 18 25 18 EFFCODISTER 84 0 150 73 43 18 25 18 EFFCODISTER 84 0 150 73 43 18 25 18 EFFCODISTER 84 0 150 73 43 18 25 18 EFFCODISTER 84 0 150 73 43 18 25 18 EFFCODISTER 84 0 150 73 43 18 25 18 EFFCODISTER 84 0 150 73 43 18 25 18 EFFCODENCE 84 0 150 73 43 18 25 18 EFFCODENCE 84 0 150 73 43 18 25 18 EFFCODENCE 84 0 150 73 43 18 25 18 EFFCODENCE 84 0 150 73 43 18 25 18 EFFCODENCE 84 0 150 73 43 18 25 18 EFFCODENCE 84 0 150 73 43 18 25 18 EFFCODENCE 84 0 150 73 43 18 25 18 EFFCODENCE 84 0 150 73 43 18 25 18 EFFCODENCE 84 0 150 73 43 18 25 18 EFFCODENCE 84 0 150 73 43 18 25 18 EFFCODENCE 84 0 150 73 43 18 25 18 EFFCODENCE 84 0 150 73 43 18 25 18 EFFCODENCE 84 0 150 73 43 18 25 18 EFFCODENCE 84 0 150 73 43 18 25 18 EFFCODENCE 84 0 150 73 43 18 25 18 EFFCODENCE 84 0 150 73 43 18 25 18 EFFCODENCE 84 0 150 73 43 18 25 18 EFFCODENCE 84 0 150 73 43 18 25 18 EFFCODENCE 84 0 150 73 43 18 25 18 EFFCONENCE 84 0 150 73 43 18 25 18 EFFCONENCE 84 0 150 73 43 18 25 18 EFFCONENCE 84 0 150 73 43 18 25 18 EFFCONENCE 84 0 150 73 43 18 16 40 EFFCONENCE 84 0 150 73 43 18 25 18 EFFCONENCE 84 0 150 73 43 18 25 18 EFFCONENCE 84 0 150 73 43 18 25 18 EFFCONENCE 84 0 150 73 43 18 16 40 EFFCONENCE 84 0 150 73 43 18 16 40 EFFCONENCE 84 0 150 73 43 18 16 40 EFFCONENCE 84 0 150 73 43 18 16 40 EFFCONENCE 84 0 150 73 43 18 10 10 EFFCONENCE 84 0 150 73 43 18 10			100				2.5					3500
2												3500
150			120			1.8						3500
180 7.3 4.3 1.8 2.5 18 EFFCDOD181ER \$44 0 220 7.3 4.3 1.8 2.5 18 EFFCDOD21ER \$44 0 320		2				1.8		15		* 4	0	3500
220			150	7.3	4.3	1.8		18	EEFCD0D151ER	* 4		3500
220			180	7.3	4.3	1.8	2.5	18	EEFCD0D181ER	*4	0	3500
S2									FFFCD0D221FB			3500
CD												3500
2.5			82									3500
120												
120		2.5	100	7.3								3500
150												3500
CD Section												3500
CD			150				2.5					3500
CD			EG			1.8	2.5	18	EEFCD0G560ER	* 4	0	3500
CD A			00							* 4		3500
CD CD CD CD CD CD CD CD												3500
CD Record Record		4	68									3500
CD 100												3500
CD 100			82									
CD 10			100									3500
CD Column												3500
6.3 33												3500
6.3	CD		22			1.8					0	3500
18			33			1.8		28		* 4		3500
18		6.3	47	7.3	4.3	1.8	2.5	18	EEFCD0J470ER	*4		3500
Reference			4/			1.8		15		*4		3500
R												3500
8.2			68									3500
15			8.2									3500
8				7.3								
33									EEFCDUKIOUER			3500
A7		8							EEFCD0K220ER			3500
10 33 7.3 4.3 1.8 1.6 30 EFFCD1A220ER												3500
10												3500
12.5 39						1.8				_	0	3500
12.5 39		10	33	7.3	4.3	1.8	1.8	25	EEFCD1A330ER	_	0	3500
12.5				7.3	4.3	1.8	1.8		EEFCD1A390ER	_	0	3500
12.5			4.7	7.3	4.3	1.8	1.0	80		0	<u> </u>	3500
12.5												3500
16		12.5										3500
16												3500
16	16	-	2.2									3500
CX												
CX		16										3500
CX 220 7.3 4.3 1.9 2.7 15 EEFCX0D221R		-									_	3500
CX 270												3500
CX 330 7.3 4.3 1.9 2.7 15 EEFCX0D331R												3500
CX 330 7.3 4.3 1.9 2.7 15 EEFCX0D331R			270	7.3	4.3	1.9	3.0	12	EEFCX0D271XR		0	3500
CX 2			220		4.3	1.9		15	EEFCX0D331R	_	0	3500
CX 390 7.3 4.3 1.9 2.7 15 EEFCX0D391R	2.5 CX 4	2	330							T —		3500
CX A70		-	390							+		3500
CX Section										_		3500
CX 220 7.3 4.3 1.9 2.7 15 EEFCX0E221R												3500
CX 2.5 330 7.3 4.3 1.9 2.7 15 EEFCX0E331R												
CX 390 7.3 4.3 1.9 2.7 15 EEFCX0E391R										+		3500
CX 390 7.3 4.3 1.9 2.7 15 EEFCX0E391R		2.5								+		3500
4 150 7.3 4.3 1.9 2.7 15 EEFCX0G151R — O 180 7.3 4.3 1.9 2.7 15 EEFCX0G181R — O 220 7.3 4.3 1.9 3.0 12 EEFCX0G221R — O 270 7.3 4.3 1.9 3.0 12 EEFCX0G221XR — O 270 7.3 4.3 1.9 2.7 15 EEFCX0G271R — O 100 7.3 4.3 1.9 2.7 15 EEFCX0J101R — O 120 7.3 4.3 1.9 2.7 15 EEFCX0J121R — O 6.3 150 7.3 4.3 1.9 2.7 15 EEFCX0J151R — O		5										3500
4 180 7.3 4.3 1.9 2.7 15 EEFCXOG181R												3500
4 180 7.3 4.3 1.9 2.7 15 EEFCX0G181R			150		4.3	1.9	2.7	15	EEFCX0G151R	\perp	0	3500
4		4	100	7.3	4.3	1.9	2.7	15		_	0	3500
4 220 7.3 4.3 1.9 2.7 15 EEFCX0G221R — O 7.3 4.3 1.9 3.0 12 EEFCX0G221XR — O 270 7.3 4.3 1.9 2.7 15 EEFCX0G271R — O 100 7.3 4.3 1.9 2.7 15 EEFCX0J101R — O 120 7.3 4.3 1.9 2.7 15 EEFCX0J121R — O 6.3 150 7.3 4.3 1.9 2.7 15 EEFCX0J151R — O			180									3500
220 7.3 4.3 1.9 3.0 12 EEFCX0G221XR — O 270 7.3 4.3 1.9 2.7 15 EEFCX0G271R — O 100 7.3 4.3 1.9 2.7 15 EEFCX0J101R — O 120 7.3 4.3 1.9 2.7 15 EEFCX0J121R — O 6.3 150 7.3 4.3 1.9 2.7 15 EEFCX0J151R — O												3500
270 7.3 4.3 1.9 2.7 15 EEFCX0G271R — O 100 7.3 4.3 1.9 2.7 15 EEFCX0J101R — O 120 7.3 4.3 1.9 2.7 15 EEFCX0J121R — O 6.3 150 7.3 4.3 1.9 2.7 15 EEFCX0J151R — O			220									3500
100 7.3 4.3 1.9 2.7 15 EEFCX0J101R — O 120 7.3 4.3 1.9 2.7 15 EEFCX0J121R — O 6.3 150 7.3 4.3 1.9 2.7 15 EEFCX0J151R — O			270							_		
120 7.3 4.3 1.9 2.7 15 EEFCX0J121R — O 6.3 150 7.3 4.3 1.9 2.7 15 EEFCX0J151R — O			_									3500
6.3 150 7.3 4.3 1.9 2.7 15 EEFCX0J151R — O												3500
		6.3	120									3500
100 7.3 4.3 1.9 3.0 12 FFFCX0.H51XR - O			150							1 -		3500
				7.3	4.3	1.9	3.0	12	EEFCX0J151XR		0	3500
180 7.3 4.3 1.9 2.7 15 EEFCX0J181R — O			180	7.3	4.3	1.9	2.7	15	EEFCX0J181R		0	3500

^{*}1: Ripple current (100 kHz/ +20 to +105 °C), *****2: ESR (100 kHz/+20 °C)

^{*3:} Please refer to the page of "Mouting Specifications"

^{*4:} Please use high temperature Lead-Free reflow (260 °C) for new design.

^{\$5}: In the case of new design please contact us.

Panasonic

■ Standard Products

○: available, —: not available

- Staridart	1 1000	100	ı	0 0:					D (1	100	
		Capaci-		Case Size)		ication		Reflow o	condition	Min.
Series & W.V.	Rated	tance	e L (mm)	L W H Ripple (mm) (mm) current		*1	* 2				Packaging
		(±20 %)			H	Ripple	ESR	Part number	240 °C	260 °C	Q'ty
Size Code	(V.DC)				I	current			* 3	* 3	
		(μF)	` ′		(Ar.m.s.)	(mΩ max.)				(pcs)	
			7.3	4.3	2.8	3.0	15	EEFUD0D331ER *5	* 4	0	2000
		330	7.3	4.3	2.8	3.3	12	EEFUD0D331XE *5	*4	0	2000
		330	7.3					EEFUDOD331LE *5			
	2		7.3	4.3	2.8	3.4	9	-	*4	0	2000
		390	7.3	4.3	2.8	3.0	15	EEFUD0D391ER *5	* 4	0	2000
			7.3	4.3	2.8	3.4	9	EEFUD0D391LE *5	* 4	0	2000
		470	7.3	4.3	2.8	3.4	9	EEFUD0D471LE *5	* 4	0	2000
			7.3	4.3	2.8	3.0	15	EEFUD0E221ER *5	* 4	0	2000
		220	7.3	4.3	2.8	3.3	12	EEFUD0E221XE *5	*4	0	2000
	2.5	220	7.3	4.3	2.8	3.4	9	EEFUD0E221LE *5	*4	0	2000
	2.5	' ├ ──									
		270	7.3	4.3	2.8	3.0	15	EEFUD0E271ER *5	*4	0	2000
			7.3	4.3	2.8	3.4	9	EEFUD0E271LE *5	*4	0	2000
		120	7.3	4.3	2.8	3.0	15	EEFUD0G121ER *5	* 4	0	2000
		120	7.3	4.3	2.8	3.4	12	EEFUD0G121XE *5	* 4	0	2000
UD			7.3	4.3	2.8	3.0	15	EEFUD0G151ER *5	* 4	0	2000
	4	150	7.3	4.3	2.8	3.3	12	EEFUD0G151XE *5	*4	0	2000
			7.3	4.3	2.8	3.4	9	EEFUD0G151LE *5	*4	0	2000
						2.5	18	EEFUD0G181ER *5	_		
		180	7.3	4.3	2.8				*4	0	2000
			7.3	4.3	2.8	3.4	9	EEFUD0G181LE *5	*4	0	2000
		100	7.3	4.3	2.8	3.0	15	EEFUD0J101ER *5	* 4	0	2000
		100	7.3	4.3	2.8	3.3	12	EEFUD0J101XE *5	* 4	0	2000
			7.3	4.3	2.8	3.0	15	EEFUD0J121ER *5	*4	0	2000
	6.3	120	7.3	4.3	2.8	3.3	12	EEFUD0J121XE *5	*4	0	2000
	0.0	120	7.3	4.3	2.8	3.4	9	EEFUD0J121LR *5	0		2000
										_	
		150	7.3	4.3	2.8	2.5	18	EEFUD0J151ER *5	*4	0	2000
			7.3	4.3	2.8	3.4	9	EEFUD0J151LR *5	0	_	2000
	8	68	7.3	4.3	2.8	3.0	15	EEFUD0K680ER	* 4		2000
	°	100	7.3	4.3	2.8	2.5	18	EEFUD0K101ER	* 4	0	2000
			7.3	4.3	4.2	3.3	12	EEFUE0D271ER *5	* 4	0	2000
		270	7.3	4.3	4.2	3.5	10	EEFUE0D271XE *5	*4	0	2000
				4.3	4.2	3.3	12				
		330	7.3					EEFUEOD331ER *5	*4	0	2000
			7.3	4.3	4.2	3.5	10	EEFUE0D331XE *5	* 4	0	2000
			7.3	4.3	4.2	3.3	12	EEFUE0D391ER *5	* 4	0	2000
	2	390	7.3	4.3	4.2	3.5	10	EEFUE0D391XE *5	* 4	0	2000
	2		7.3	4.3	4.2	3.7	7	EEFUE0D391LE *5	* 4	0	2000
			7.3	4.3	4.2	3.3	12	EEFUE0D471ER *5	*4	0	2000
		470	7.3	4.3	4.2	3.5	10	EEFUE0D471XE *5	*4	0	2000
		470			4.2	3.7					2000
			7.3	4.3			7	EEFUEOD471LE *5	*4	0	
		560	7.3	4.3	4.2	3.3	12	EEFUE0D561ER *5	* 4	0	2000
		300	7.3	4.3	4.2	3.7	7	EEFUE0D561LE *5	* 4	0	2000
		220	7.3	4.3	4.2	3.3	12	EEFUE0E221ER *5	* 4	0	2000
		220	7.3	4.3	4.2	3.5	10	EEFUE0E221XE *5	* 4	0	2000
			7.3	4.3	4.2	3.3	12	EEFUE0E271ER *5	*4	0	2000
		270	7.3	4.3	4.2	3.5	10	EEFUE0E271XE *5	*4	0	2000
					4.2		12				2000
			7.3	4.3		3.3		EEFUE0E331ER *5	*4	0	
	2.5		7.3	4.3	4.2	3.5	10	EEFUE0E331XE *5	*4	0	2000
			7.3	4.3	4.2	3.7	7	EEFUE0E331LE *5	* 4	0	2000
UE			7.3	4.3	4.2	3.3	12	EEFUE0E391ER *5	* 4	0	2000
UE		390	7.3	4.3	4.2	3.7	7	EEFUE0E391LE *5	* 4	0	2000
			7.3	4.3	4.2	3.3	12	EEFUE0E471ER *5	*4	0	2000
6.3		470	7.3	4.3	4.2	3.7	7	EEFUE0E471LE *5	*4	0	2000
							12	EEEUEOC191ED 45			
		180	7.3	4.3	4.2	3.3		EEFUE0G181ER *5	*4	0	2000
			7.3	4.3	4.2	3.5	10	EEFUE0G181XE *5	*4	0	2000
			7.3	4.3	4.2	3.3	12	EEFUE0G221ER *5	* 4	0	2000
		220	7.3	4.3	4.2	3.5	10	EEFUE0G221XE *5	* 4	0	2000
	4		7.3	4.3	4.2	3.7	7	EEFUE0G221LE *5	*4	0	2000
			7.3	4.3	4.2	3.3	12	EEFUE0G271ER *5	*4	0	2000
		270									
			7.3	4.3	4.2	3.7	7	EEFUE0G271LE *5	*4	0	2000
		330	7.3	4.3	4.2	3.3	12	EEFUE0G331ER	*4	0	2000
		150	7.3	4.3	4.2	3.3	12	EEFUE0J151ER *5	* 4	0	2000
		150	7.3	4.3	4.2	3.5	10	EEFUE0J151XE *5	* 4	0	2000
		6.3 180	7.3	4.3	4.2	3.3	12	EEFUE0J181ER *5	*4	Ö	2000
	6.3		7.3	4.3	4.2	3.5	10	EEFUE0J181XE *5	*4	0	2000
	0.3										
	_		7.3	4.3	4.2	3.7	7	EEFUE0J181LR *5	0	_	2000
		220	7.3	4.3	4.2	3.0	15	EEFUE0J221ER	*4	0	2000
		220									0000
		220	7.3	4.3	4.2	3.7	7	EEFUE0J221LR *5	0	_	2000
	0	220 100	7.3	4.3 4.3	4.2 4.2	3.7	12	EEFUE0J221LR *5 EEFUE0K101ER *5	*4	0	2000
	8										

^{*}1: Ripple current (100 kHz/ +20 to +105 °C), *****2: ESR (100 kHz/+20 °C)

^{*3:} Please refer to the page of "Mouting Specifications"

^{*4:} Please use high temperature Lead-Free reflow (260 °C) for new design.

^{*5:} In the case of new design please contact us.