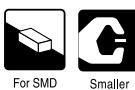


SOLID TANTALUM ELECTROLYTIC CAPACITORS

nichicon

F92

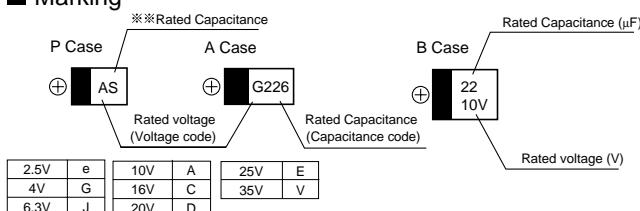
Resin-molded Chip,
Compact Series



- Adapted to the RoHS directive (2002/95/EC).



■ Marking



※※ Capacitance code of "P" case products are as shown below.

■ Specifications

Item	Performance Characteristics	
	P Case	A • B Case
Category Temperature Range	-55 ~ +125°C (Rated temperature : 85°C)	
Capacitance Tolerance	±20% (at 120Hz)	
Dissipation Factor (120Hz)	refer to Next Page	
ESR (100kHz)	refer to Next Page	
Leakage Current	<ul style="list-style-type: none"> After 1 minute's application of rated voltage, leakage current at 20°C is not more than 0.01CV or 0.5µA, whichever is greater. After 1 minute's application of rated voltage, leakage current at 85°C is not more than 0.1CV or 5µA, whichever is greater. After 1 minute's application of derated voltage, leakage current at 125°C is not more than 0.125CV or 6.3µA, whichever is greater. 	
Capacitance Change by Temperature	+20% Max. (at +125°C) +15% Max. (at +85°C) -15% Max. (at -55°C)	+15% Max. (at +125°C) +10% Max. (at +85°C) -10% Max. (at -55°C)
Damp Heat (No voltage applied)	At 40°C 90 ~ 95% R.H. 240 hours Capacitance Change... Refor to next page (* 1) Dissipation Factor...150% or less of initial specified value Leakage Current... Initial specified value or less	At 40°C 90 ~ 95% R.H. 500 hours Capacitance Change... Refor to next page (* 1) Initial specified value or less
Temperature Cycles	-55°C / +125°C 30 minutes each 5 cycles Capacitance Change... Refor to next page (* 1) Dissipation Factor...150% of less of initial specified value Leakage Current... Initial specified value or less	Refor to next page (* 1) Initial specified value or less

■ Standard ratings

Cap.(µF)	V	2.5	4	6.3	10	16	20	25	35	※※ Capacitance code
0.22	224		0E	0G	0J	1A		P	A	J
0.33	334						P	A		N
0.47	474					P	P • A	A	A	S
0.68	684					P	A	B	B	W
1	105			P	P	P • A	P • A	P • A • B	A	A
1.5	155			P	P	P • A	P • A	A		E
2.2	225		P	P	P • A	P • A	(P) • A • B	A • B	B	J
3.3	335		P	P	P • A	A	B		(B)	N
4.7	475		P • A	P • A	P • A	A • B	(A) • B	(A) • B		S
6.8	685		P	P	P • A	B				w
10	106		P • A	P • A	P • A • B	A • B				a
15	156		P	P • A	A					e
22	226	P • A	P • A	P • A • B	A • B					j
33	336	P • A	P • A	A • B	B					n
47	476	(P) • B	(P) • A • B	A • B	(B)					
68	686	B	A • B							
100	107	B	(A) • B		B					
150	157	B	B							
220	227			(B)						

() The series in parentheses are being developed. Please contact to your local Nichicon sales office when these series are being designed in your application.

CAT.8100V

