## SOLID TANTALUM ELECTROLYTIC CAPACITORS

0.33

0.47

0.68

1.5

2.2

3.3

4.7

6.8

10

15

22

33

47

68

100

150

220

334

474

684

105

155

225

335

475

685

106

156

226

336

476

686

107

157

227

Р

Р

P · A

Р

P • A

P・A

(P) • A • B

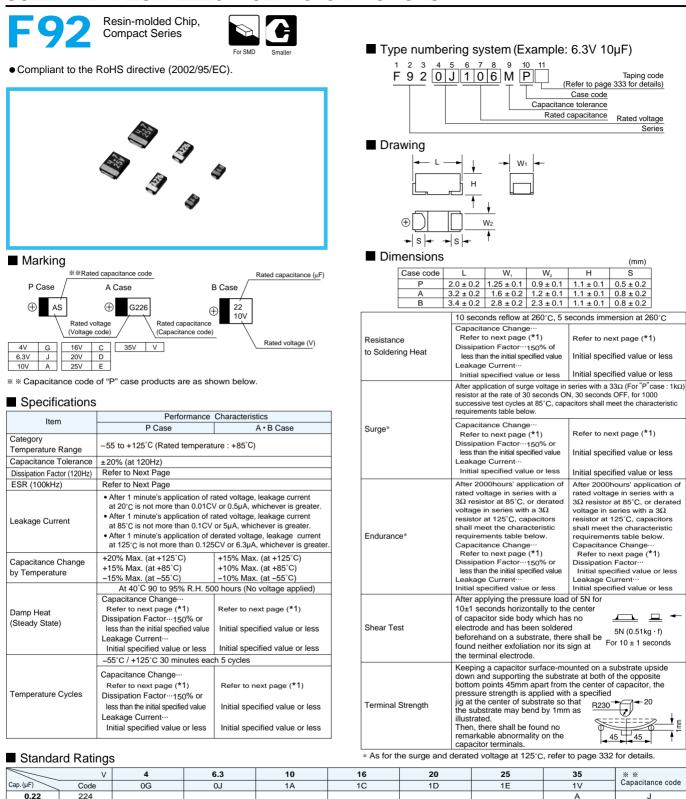
A•B

А·В

в

(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

Р·А

А·В

А·В

P · A

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(P) • A

A•В

в

Р

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Р

Р

P · A

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(P) • A • B

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## **F92**

## Standard Ratings

Rated Volt	Rated Capacitance (µF)	Case code	Part Number	Leakage Current (µA)	Disspation Factor (%@120Hz)	ESR (Ω@100kHz)	*1 ∆C/C (%)
	3.3	Р	F920G335MPA	0.5	8	12.0	*
	4.7	Р	F920G475MPA	0.5	8	6.0	*
	6.8	Р	F920G685MPA	0.5	10	6.0	*
	10	Р	F920G106MPA	0.5	10	6.0	*
	10	Α	F920G106MAA	0.5	8	4.0	*
	15	Р	F920G156MPA	0.6	10	5.0	*
	22	Р	F920G226MPA	0.9	20	5.0	*
	22	Α	F920G226MAA	0.9	12	2.8	*
4V	33	Р	F920G336MPA	1.3	20	4.0	*
	33	A	F920G336MAA	1.3	12	2.8	*
	47	А	F920G476MAA	1.9	18	2.8	*
	47	В	F920G476MBA	1.9	12	1.7	*
	68	A	F920G686MAA	2.7	25	2.8	±15
	68	В	F920G686MBA	2.7	18	1.5	*
	100	A	F920G107MAA	4.0	30	2.8	±15
	100	В	F920G107MBA	4.0	18	1.3	*
	150	B	F920G157MBA	6.0	25	1.3	±15
	2.2	Р	F920J225MPA	0.5	8	12.0	*
	3.3	P	F920J335MPA	0.5	8	12.0	*
	4.7	P	F920J475MPA	0.5	8	6.0	*
	6.8	Р	F920J685MPA	0.5	10	6.0	*
	10	P	F920J106MPA	0.6	10	6.0	*
	10	A	F920J106MAA	0.6	8	4.0	*
	15	P	F920J156MPA	0.9	10	6.0	*
6.3V	15	A	F920J156MAA	0.9	8	4.0	*
0.3 V	22	P	F920J226MPA	1.4	20	5.0	*
	22	A	F920J226MAA	1.4	12	2.8	*
	33	A	F920J336MAA	2.1	12	2.8	*
	33	В	F920J336MBA	2.1	12	2.0 1.7	*
	47	A	F920J476MAA		12	2.8	±15
				3.0	-		-
	47	В	F920J476MBA	3.0	12	1.7	*
	100	В	F920J107MBA	6.3	20	1.3	±15
	1	P	F921A105MPA	0.5	8	12.0	*
	1.5	Р	F921A155MPA	0.5	8	12.0	*
	2.2	Р	F921A225MPA	0.5	8	12.0	*
	3.3	Р	F921A335MPA	0.5	8	12.0	*
	3.3	A	F921A335MAA	0.5	6	7.0	*
	4.7	Р	F921A475MPA	0.5	8	6.0	*
	4.7	Α	F921A475MAA	0.5	6	4.0	*
1017	6.8	Р	F921A685MPA	0.7	8	6.0	*
10V	6.8	A	F921A685MAA	0.7	6	4.0	*
	10	Р	F921A106MPA	1.0	14	6.0	*
	10	А	F921A106MAA	1.0	8	4.0	*
	15	А	F921A156MAA	1.5	8	4.0	*
	22	А	F921A226MAA	2.2	14	4.0	±15
	22	В	F921A226MBA	2.2	8	1.9	*
	33	В	F921A336MBA	3.3	12	1.9	*
	47	В	F921A476MBA	4.7	18	1.9	±15
	0.47	Р	F921C474MPA	0.5	8	20.0	*
16V	0.68	P	F921C684MPA	0.5	8	12.0	*
	1	P	F921C105MPA	0.5	8	12.0	*
	1.5	P	F921C155MPA	0.5	8	12.0	*
	2.2	P	F921C225MPA	0.5	8	12.0	*
	2.2	A	F921C225MAA	0.5	6	7.0	*
	3.3	A	F921C335MAA	0.5	6	7.0	*
100	4.7	A	F921C475MAA	0.5	6	7.0	*
	4.7	B	F921C475MBA		6		*
				0.8		3.0	
	6.8	B A	F921C685MBA	1.1	6	3.0	*
		- Δ	F921C106MAA	1.6	8	7.0	±15
	10						
	10 10 22	B	F921C106MBA F921C226MBA	1.6 3.5	6 12	2.0 2.0	* ±15

Rated Volt	Rated Capacitance (µF)	Case code	Part Number	Leakage Current (µA)	Disspation Factor (%@120Hz)	ESR (Ω@100kHz)	*1 ∆C/C (%)
20V	0.47	Р	F921D474MPA	0.5	8	20.0	*
	0.47	А	F921D474MAA	0.5	4	10.0	*
	0.68	А	F921D684MAA	0.5	4	10.0	*
	1	Р	F921D105MPA	0.5	8	20.0	*
	1	А	F921D105MAA	0.5	4	10.0	*
	1.5	А	F921D155MAA	0.5	6	7.4	*
	2.2	А	F921D225MAA	0.5	6	7.0	*
	4.7	А	F921D475MAA	0.9	10	7.0	±10
	4.7	В	F921D475MBA	0.9	6	3.0	*
	10	В	F921D106MBA	2.0	8	3.0	±10
25V	1	Р	F921E105MPA	0.5	8	20.0	*
	1	А	F921E105MAA	0.5	6	10.0	*
	2.2	А	F921E225MAA	0.6	8	10.0	±15
	2.2	В	F921E225MBA	0.6	6	4.0	*
	4.7	А	F921E475MAA	1.2	10	7.0	±10
	4.7	В	F921E475MBA	1.2	6	3.0	*
35∨	0.22	А	F921V224MAA	0.5	4	10.0	*
	0.33	А	F921V334MAA	0.5	4	10.0	*
	0.47	А	F921V474MAA	0.5	4	10.0	*
	1	А	F921V105MAA	0.5	6	10.0	*
	2.2	В	F921V225MBA	0.8	6	4.0	±10
	3.3	В	F921V335MBA	1.2	10	4.0	±10

\*1 : ∆C/C Marked "\*"

Item	P Case (%)	A, B Case(%)	
Damp Heat	±20	±10	
Tempereature cycles	±10	± 5	
Resistance soldering heat	±10	± 5	
Surge	±10	± 5	
Endurance	±10	±10	

We can consider the type of compliance to AEC-Q200. Please contact to your local Nichicon sales office when these series are being designed in your application.

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