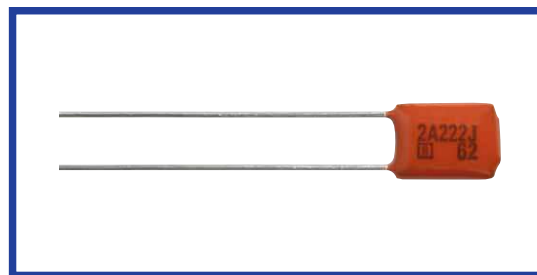


P2S SERIES

◆FEATURES

- Negative temprature coefficient.
- Dissipation factor is very small.
- RoHS compliance.

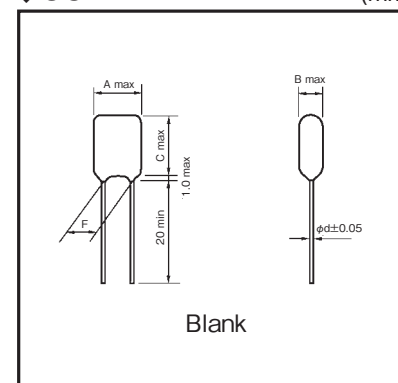


◆SPECIFICATIONS

Category Temperature Range	$-25^{\circ}\text{C}\sim+85^{\circ}\text{C}$ /Derate the voltage as shown in the "CAUTION FOR PROPER USE OF FILM CAPACITORS" when using the capacitor beyond 70°C.)
Rated Voltage (U _R)	100VDC, 250VDC
Capacitance Tolerance	$\pm 2\%(G), \pm 3\%(H), \pm 5\%(J), \pm 10\%(K)$
tanδ	0.001max at 1kHz
Voltage Proof	U _R ×200% 60s
Insulation Resistance	30000MΩmin
Reference Standard	JIS C 5101-13, JIS C 5101-1

◆OUTLINE

(mm)



◆PART NUMBER

 P2S

Rated Voltage Series Rated Capacitance Capacitance Tolerance Option Lead Forming

◆STANDARD SIZE

: Tolerance ** : Suffix

Rated Voltage	Cap(μF)	Dimensions (mm)						Typical Packaging Quantity (pcs)								Part No.
								Long Lead type		Taping Ammo Pack Type - Style						
		A	B	C	F	LS±0.5	d	Bag	Carton	TV	—	—	—	—		
100 VDC	0.00022	6.5	4.0	9.0	3.5±1.0	5.0	0.5	200	5,000	2,000	—	—	—	—	100P2S221	
	0.00027	6.5	4.0	9.0	3.5±1.0	5.0	0.5	200	5,000	2,000	—	—	—	—	100P2S271	
	0.00033	6.5	4.0	9.0	3.5±1.0	5.0	0.5	200	5,000	2,000	—	—	—	—	100P2S331	
	0.00039	6.5	4.0	9.0	3.5±1.0	5.0	0.5	200	5,000	2,000	—	—	—	—	100P2S391	
	0.00047	6.5	4.5	9.0	3.5±1.0	5.0	0.5	200	5,000	2,000	—	—	—	—	100P2S471	
	0.00056	6.5	4.0	9.0	3.5±1.0	5.0	0.5	200	5,000	2,000	—	—	—	—	100P2S561	
	0.00068	6.5	4.0	8.5	3.5±1.0	5.0	0.5	200	5,000	2,000	—	—	—	—	100P2S681	
	0.00082	6.5	4.0	8.5	3.5±1.0	5.0	0.5	200	5,000	2,000	—	—	—	—	100P2S821	
	0.001	6.5	4.0	8.5	3.5±1.0	5.0	0.5	200	5,000	2,000	—	—	—	—	100P2S102	
	0.0012	6.5	4.0	8.5	3.5±1.0	5.0	0.5	200	5,000	2,000	—	—	—	—	100P2S122	
	0.0015	7.0	4.0	8.5	3.5±1.0	5.0	0.5	200	5,000	2,000	—	—	—	—	100P2S152	
	0.0018	7.0	4.0	8.5	3.5±1.0	5.0	0.5	200	5,000	2,000	—	—	—	—	100P2S182	
	0.0022	7.0	4.0	8.5	3.5±1.0	5.0	0.5	200	5,000	2,000	—	—	—	—	100P2S222	
	0.0027	7.5	4.5	8.5	3.5±1.0	5.0	0.5	200	5,000	2,000	—	—	—	—	100P2S272	
	0.0033	7.5	4.0	8.5	3.5±1.0	5.0	0.5	200	5,000	2,000	—	—	—	—	100P2S332	
	0.0039	7.5	4.0	8.5	3.5±1.0	5.0	0.5	200	5,000	2,000	—	—	—	—	100P2S392	
	0.0047	7.5	4.0	8.5	3.5±1.0	5.0	0.5	200	5,000	2,000	—	—	—	—	100P2S472	
	0.0056	7.5	4.0	8.5	3.5±1.0	5.0	0.5	200	5,000	2,000	—	—	—	—	100P2S562	
	0.0068	7.5	5.0	9.5	3.5±1.0	5.0	0.5	200	5,000	2,000	—	—	—	—	100P2S682	
	0.0082	7.5	5.0	10.0	3.5±1.0	5.0	0.5	200	5,000	1,500	—	—	—	—	100P2S822	
	0.01	8.0	5.0	10.0	3.5±1.0	5.0	0.5	200	5,000	1,500	—	—	—	—	100P2S103	
	0.012	8.0	5.0	10.0	3.5±1.0	5.0	0.5	200	5,000	1,500	—	—	—	—	100P2S123	
	0.015	8.0	5.5	11.0	5.0±1.0	5.0	0.5	200	5,000	1,500	—	—	—	—	100P2S153	
	0.018	8.5	6.0	11.0	5.0±1.0	5.0	0.5	200	5,000	1,500	—	—	—	—	100P2S183	
	0.022	9.0	6.5	13.5	5.0±1.0	5.0	0.5	200	4,000	1,500	—	—	—	—	100P2S223	
	0.027	9.0	6.5	13.5	5.0±1.0	5.0	0.5	200	4,000	1,500	—	—	—	—	100P2S273	
	0.033	9.5	7.0	14.0	5.0±1.0	5.0	0.5	200	4,000	—	—	—	—	—	100P2S333	
	0.039	10.0	7.0	14.5	5.0±1.0	5.0	0.5	200	4,000	—	—	—	—	—	100P2S393	
	0.047	11.0	7.0	16.0	7.5±1.5	5.0	0.5	200	3,000	—	—	—	—	—	100P2S473	
	0.056	11.5	7.0	16.5	7.5±1.5	5.0	0.5	200	3,000	—	—	—	—	—	100P2S563	
	0.068	12.0	8.0	16.5	7.5±1.5	5.0	0.5	200	3,000	—	—	—	—	—	100P2S683	
	0.082	12.5	8.5	17.0	7.5±1.5	5.0	0.5	200	3,000	—	—	—	—	—	100P2S823	
	0.1	12.5	9.5	17.0	7.5±1.5	5.0	0.5	200	1,000	—	—	—	—	—	100P2S104	

※FS:Please find P169(TAPING SPECIFICATION)

◆STANDARD SIZE

□ : Tolerance ** : Suffix

Rated Voltage	Cap(μF)	Dimensions (mm)						Typical Packaging Quantity (pcs)								Part No.
								Long Lead type		Taping Ammo Pack Type - Style						
		A	B	C	F	LS±0.5	d	Bag	Carton	TV	—	—	—	—		
250 VDC	0.00022	6.5	4.0	9.0	3.5±1.0	5.0	0.5	200	5,000	1,500	—	—	—	—	250P2S221	
	0.00027	6.5	4.0	9.0	3.5±1.0	5.0	0.5	200	5,000	1,500	—	—	—	—	250P2S271	
	0.00033	6.5	4.0	9.0	3.5±1.0	5.0	0.5	200	5,000	1,500	—	—	—	—	250P2S331	
	0.00039	6.5	4.0	9.0	3.5±1.0	5.0	0.5	200	5,000	1,500	—	—	—	—	250P2S391	
	0.00047	6.5	4.5	9.0	3.5±1.0	5.0	0.5	200	5,000	1,500	—	—	—	—	250P2S471	
	0.00056	6.5	4.0	9.0	3.5±1.0	5.0	0.5	200	5,000	1,500	—	—	—	—	250P2S561	
	0.00068	6.5	4.0	8.5	3.5±1.0	5.0	0.5	200	5,000	1,500	—	—	—	—	250P2S681	
	0.00082	6.5	4.0	8.5	3.5±1.0	5.0	0.5	200	5,000	1,500	—	—	—	—	250P2S821	
	0.001	6.5	4.0	8.5	3.5±1.0	5.0	0.5	200	5,000	1,500	—	—	—	—	250P2S102	
	0.0012	6.5	4.0	8.5	3.5±1.0	5.0	0.5	200	5,000	1,500	—	—	—	—	250P2S122	
	0.0015	7.0	4.0	8.5	3.5±1.0	5.0	0.5	200	5,000	1,500	—	—	—	—	250P2S152	
	0.0018	7.0	4.0	8.5	3.5±1.0	5.0	0.5	200	5,000	1,500	—	—	—	—	250P2S182	
	0.0022	7.0	4.0	8.5	3.5±1.0	5.0	0.5	200	5,000	1,500	—	—	—	—	250P2S222	
	0.0027	7.5	4.5	8.5	3.5±1.0	5.0	0.5	200	5,000	1,500	—	—	—	—	250P2S272	
	0.0033	7.0	4.5	11.0	3.5±1.0	5.0	0.5	200	5,000	1,500	—	—	—	—	250P2S332	
	0.0039	7.0	4.0	11.0	3.5±1.0	5.0	0.5	200	5,000	1,500	—	—	—	—	250P2S392	
	0.0047	7.0	4.0	11.0	3.5±1.0	5.0	0.5	200	5,000	1,500	—	—	—	—	250P2S472	
	0.0056	7.0	4.5	11.0	3.5±1.0	5.0	0.5	200	5,000	1,500	—	—	—	—	250P2S562	
	0.0068	7.0	5.0	11.0	3.5±1.0	5.0	0.5	200	5,000	1,500	—	—	—	—	250P2S682	
	0.0082	8.0	5.0	11.0	3.5±1.0	5.0	0.5	200	5,000	1,500	—	—	—	—	250P2S822	
	0.01	8.0	5.0	11.5	5.0±1.0	5.0	0.5	200	5,000	1,500	—	—	—	—	250P2S103	
	0.012	9.0	5.5	12.0	5.0±1.0	5.0	0.5	200	4,000	1,000	—	—	—	—	250P2S123	
	0.015	9.0	5.5	13.5	5.0±1.0	5.0	0.5	200	4,000	1,000	—	—	—	—	250P2S153	
	0.018	9.5	6.5	14.5	5.0±1.0	5.0	0.5	200	4,000	1,000	—	—	—	—	250P2S183	
	0.022	10.0	6.5	14.5	5.0±1.0	5.0	0.5	200	3,000	1,000	—	—	—	—	250P2S223	
	0.027	10.5	7.0	14.5	5.0±1.0	5.0	0.5	100	3,000	1,000	—	—	—	—	250P2S273	
	0.033	11.5	7.0	17.0	7.5±1.5	5.0	0.5	100	3,000	—	—	—	—	—	250P2S333	
	0.039	11.5	7.0	17.0	7.5±1.5	5.0	0.5	100	3,000	—	—	—	—	—	250P2S393	
	0.047	12.0	8.0	17.0	7.5±1.5	5.0	0.5	100	2,000	—	—	—	—	—	250P2S473	
	0.056	12.5	8.0	18.0	7.5±1.5	5.0	0.5	100	2,000	—	—	—	—	—	250P2S563	
	0.068	13.5	9.0	18.0	7.5±1.5	5.0	0.6	100	2,000	—	—	—	—	—	250P2S683	
	0.082	13.5	9.0	18.0	7.5±1.5	5.0	0.6	100	1,000	—	—	—	—	—	250P2S823	
	0.1	14.5	10.0	21.5	7.5±1.5	5.0	0.6	100	1,000	—	—	—	—	—	250P2S104	