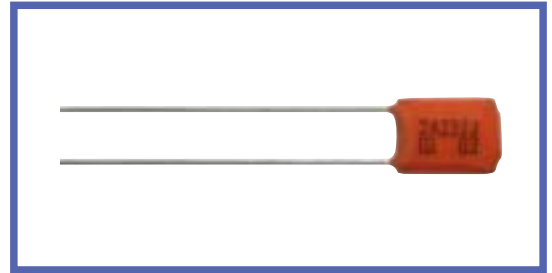


P2S SERIES

◆ **FEATURES**

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

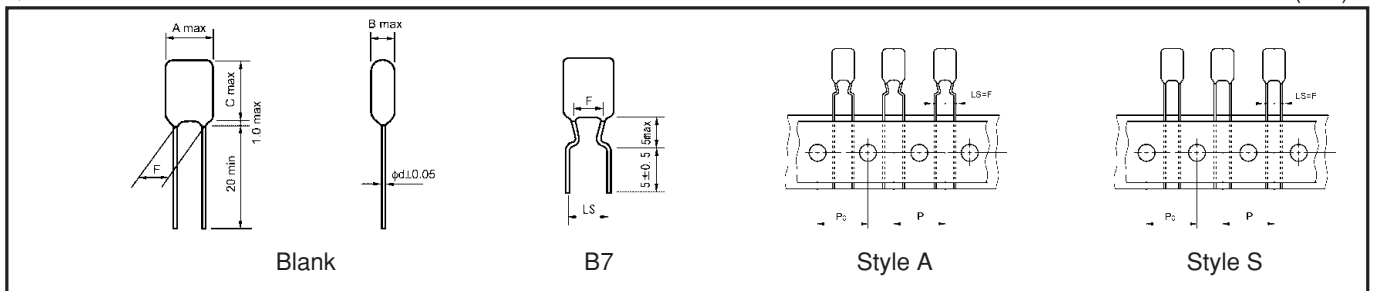


◆ **SPECIFICATIONS**

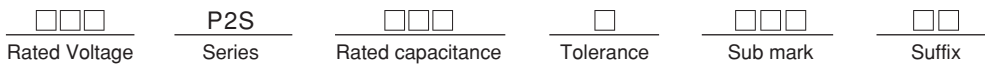
Category temperature	-25°C~+85°C (Derate the voltage as shown in the Fig1 at P239 when using the capacitor beyond 85°C.)
Rated voltage (U _R)	100VDC, 250VDC
Capacitance tolerance	± 2%(G), ± 3%(H), ± 5%(J), ± 10%(K)
tanδ	0.001max at 1kHz
Voltage proof	U _R ×200% 60s
Insulation resistance	30000MΩmin
Reference standard	JIS C 5101-13, JIS C 5101-1

◆ **OUTLINE**

(mm)



◆ **PART NUMBER**



↓

Symbol	U _R
100	100VDC
250	250VDC

↓

Symbol	Tolerance
G	± 2%
H	± 3%
J	± 5%
K	± 10%

↓

Symbol	Lead style
Blank	Long lead type
B7	Lead forming cut LS=5.0
TV	Style A, Ammo pack P=12.7 P ₀ =12.7 LS=5.0
TS	Style S, Ammo pack P=12.7 P ₀ =12.7

◆ DIMENSIONS AND QUANTITY
◆ RATED VOLTAGE : 100VDC

Part No.	cap(μF)	Dimensions (mm)						Typical Packaging Quantity (pcs)							
								Long Lead type		Taping Ammo pack type - style					
		A	B	C	F ±1.0	LS±0.5	d	Bag	Carton	A TV	B, D	C	E	S TS	
100P2S221□**	0.00022	6.0	4.0	8.5	3.5	5.0	0.5	200	5,000	2,500	-	-	-	2,500	
100P2S271□**	0.00027	6.0	4.0	8.5	3.5	5.0	0.5	200	5,000	2,500	-	-	-	2,500	
100P2S331□**	0.00033	6.0	4.0	8.5	3.5	5.0	0.5	200	5,000	2,000	-	-	-	2,000	
100P2S391□**	0.00039	6.0	4.0	8.5	3.5	5.0	0.5	200	5,000	2,000	-	-	-	2,000	
100P2S471□**	0.00047	6.0	4.0	8.5	3.5	5.0	0.5	200	5,000	2,000	-	-	-	2,000	
100P2S561□**	0.00056	6.0	4.0	8.5	3.5	5.0	0.5	200	5,000	2,000	-	-	-	2,000	
100P2S681□**	0.00068	6.0	4.0	8.5	3.5	5.0	0.5	200	5,000	2,000	-	-	-	2,000	
100P2S821□**	0.00082	6.0	4.0	8.5	3.5	5.0	0.5	200	5,000	2,000	-	-	-	2,000	
100P2S102□**	0.001	6.0	4.0	8.5	3.5	5.0	0.5	200	5,000	2,000	-	-	-	2,000	
100P2S122□**	0.0012	6.0	4.0	8.5	3.5	5.0	0.5	200	5,000	2,000	-	-	-	2,000	
100P2S152□**	0.0015	7.0	4.0	8.5	3.5	5.0	0.5	200	5,000	2,000	-	-	-	2,000	
100P2S182□**	0.0018	7.0	4.0	8.5	3.5	5.0	0.5	200	5,000	2,000	-	-	-	2,000	
100P2S222□**	0.0022	7.0	4.0	8.5	3.5	5.0	0.5	200	5,000	2,000	-	-	-	2,000	
100P2S272□**	0.0027	7.0	4.0	8.5	3.5	5.0	0.5	200	5,000	2,000	-	-	-	2,000	
100P2S332□**	0.0033	7.0	4.0	8.5	3.5	5.0	0.5	200	5,000	2,000	-	-	-	2,000	
100P2S392□**	0.0039	7.0	4.0	8.5	3.5	5.0	0.5	200	5,000	2,000	-	-	-	2,000	
100P2S472□**	0.0047	7.0	4.0	8.5	3.5	5.0	0.5	200	5,000	2,000	-	-	-	2,000	
100P2S562□**	0.0056	7.0	4.0	8.5	3.5	5.0	0.5	200	5,000	2,000	-	-	-	2,000	
100P2S682□**	0.0068	7.5	5.0	9.5	3.5	5.0	0.5	200	5,000	2,000	-	-	-	2,000	
100P2S822□**	0.0082	7.5	5.0	9.5	3.5	5.0	0.5	200	5,000	1,500	-	-	-	1,500	
100P2S103□**	0.01	7.5	5.0	9.5	3.5	5.0	0.5	200	5,000	1,500	-	-	-	1,500	
100P2S123□**	0.012	8.0	5.0	9.5	3.5	5.0	0.5	200	5,000	1,500	-	-	-	1,500	
100P2S153□**	0.015	8.0	5.5	10.5	5.0	5.0	0.5	200	5,000	1,500	-	-	-	1,500	
100P2S183□**	0.018	8.5	6.0	10.5	5.0	5.0	0.5	200	5,000	1,500	-	-	-	1,500	
100P2S223□**	0.022	9.0	6.5	13.0	5.0	5.0	0.5	200	4,000	1,500	-	-	-	1,500	
100P2S273□**	0.027	9.0	6.5	13.0	5.0	5.0	0.5	200	4,000	1,500	-	-	-	1,500	
100P2S333□**	0.033	9.5	7.0	13.5	5.0	5.0	0.5	200	4,000	1,500	-	-	-	1,500	
100P2S393□**	0.039	10.0	7.0	14.0	5.0	5.0	0.5	200	4,000	1,500	-	-	-	1,500	
100P2S473□**	0.047	11.0	7.0	15.5	7.5	5.0	0.5	200	3,000	-	-	-	-	-	
100P2S563□**	0.056	11.5	7.0	16.0	7.5	5.0	0.5	200	3,000	-	-	-	-	-	
100P2S683□**	0.068	11.5	8.0	16.0	7.5	5.0	0.5	200	3,000	-	-	-	-	-	
100P2S823□**	0.082	12.0	8.5	16.5	7.5	5.0	0.5	200	3,000	-	-	-	-	-	
100P2S104□**	0.1	12.5	9.5	16.5	7.5	5.0	0.5	200	1,000	-	-	-	-	-	

□ : Tolerance (G: ±2%, H: ±3%, J: ±5%, K: ±10%) **: Suffix

◆ RATED VOLTAGE : 250VDC

Part No.	cap(μF)	Dimensions (mm)						Typical Packaging Quantity (pcs)							
								Long Lead type		Taping Ammo pack type - style					
		A	B	C	F ±1.0	LS±0.5	d	Bag	Carton	A TV	B, D	C	E	S TS	
250P2S221□**	0.00022	6.0	4.0	8.5	3.5	5.0	0.5	200	5,000	1,500	-	-	-	1,500	
250P2S271□**	0.00027	6.0	4.0	8.5	3.5	5.0	0.5	200	5,000	1,500	-	-	-	1,500	
250P2S331□**	0.00033	6.0	4.0	8.5	3.5	5.0	0.5	200	5,000	1,500	-	-	-	1,500	
250P2S391□**	0.00039	6.0	4.0	8.5	3.5	5.0	0.5	200	5,000	1,500	-	-	-	1,500	
250P2S471□**	0.00047	6.0	4.0	8.5	3.5	5.0	0.5	200	5,000	1,500	-	-	-	1,500	
250P2S561□**	0.00056	6.0	4.0	8.5	3.5	5.0	0.5	200	5,000	1,500	-	-	-	1,500	
250P2S681□**	0.00068	6.0	4.0	8.5	3.5	5.0	0.5	200	5,000	1,500	-	-	-	1,500	
250P2S821□**	0.00082	6.0	4.0	8.5	3.5	5.0	0.5	200	5,000	1,500	-	-	-	1,500	
250P2S102□**	0.001	6.0	4.0	8.5	3.5	5.0	0.5	200	5,000	1,500	-	-	-	1,500	
250P2S122□**	0.0012	6.0	4.0	8.5	3.5	5.0	0.5	200	5,000	1,500	-	-	-	1,500	
250P2S152□**	0.0015	7.0	4.0	8.5	3.5	5.0	0.5	200	5,000	1,500	-	-	-	1,500	
250P2S182□**	0.0018	7.0	4.0	8.5	3.5	5.0	0.5	200	5,000	1,500	-	-	-	1,500	
250P2S222□**	0.0022	7.0	4.0	8.5	3.5	5.0	0.5	200	5,000	1,500	-	-	-	1,500	
250P2S272□**	0.0027	7.0	4.0	8.5	3.5	5.0	0.5	200	5,000	1,500	-	-	-	1,500	
250P2S332□**	0.0033	7.0	4.5	11.0	3.5	5.0	0.5	200	5,000	1,500	-	-	-	1,500	
250P2S392□**	0.0039	7.0	4.0	11.0	3.5	5.0	0.5	200	5,000	1,500	-	-	-	1,500	
250P2S472□**	0.0047	7.0	4.0	11.0	3.5	5.0	0.5	200	5,000	1,500	-	-	-	1,500	
250P2S562□**	0.0056	7.0	4.5	11.0	3.5	5.0	0.5	200	5,000	1,500	-	-	-	1,500	
250P2S682□**	0.0068	7.0	5.0	11.0	3.5	5.0	0.5	200	5,000	1,500	-	-	-	1,500	
250P2S822□**	0.0082	8.0	5.0	11.0	3.5	5.0	0.5	200	5,000	1,500	-	-	-	1,500	
250P2S103□**	0.01	8.0	5.0	11.5	5.0	5.0	0.5	200	5,000	1,500	-	-	-	1,500	
250P2S123□**	0.012	9.0	5.5	12.0	5.0	5.0	0.5	200	4,000	1,000	-	-	-	1,000	
250P2S153□**	0.015	9.0	5.5	13.5	5.0	5.0	0.5	200	4,000	1,000	-	-	-	1,000	
250P2S183□**	0.018	9.5	6.5	14.5	5.0	5.0	0.5	200	4,000	1,000	-	-	-	1,000	
250P2S223□**	0.022	10.0	6.5	14.5	5.0	5.0	0.5	200	3,000	1,000	-	-	-	1,000	
250P2S273□**	0.027	10.5	7.0	14.5	5.0	5.0	0.5	100	3,000	1,000	-	-	-	1,000	
250P2S333□**	0.033	11.5	7.0	17.0	7.5	5.0	0.5	100	3,000	-	-	-	-	-	
250P2S393□**	0.039	11.5	7.0	17.0	7.5	5.0	0.5	100	3,000	-	-	-	-	-	
250P2S473□**	0.047	12.0	8.0	17.0	7.5	5.0	0.5	100	2,000	-	-	-	-	-	
250P2S563□**	0.056	12.0	8.0	18.0	7.5	5.0	0.5	100	2,000	-	-	-	-	-	
250P2S683□**	0.068	13.5	9.0	18.0	7.5	5.0	0.6	100	2,000	-	-	-	-	-	
250P2S823□**	0.082	13.5	9.0	18.0	7.5	5.0	0.6	100	1,000	-	-	-	-	-	
250P2S104□**	0.1	14.5	10.0	21.5	7.5	5.0	0.6	100	1,000	-	-	-	-	-	

□ : Tolerance (G: ±2%, H: ±3%, J: ±5%, K: ±10%) **: Suffix