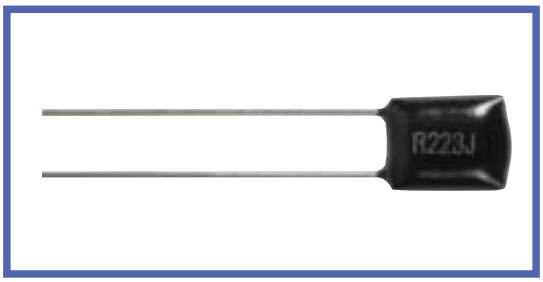
H2D SERIES



◆FEATURES

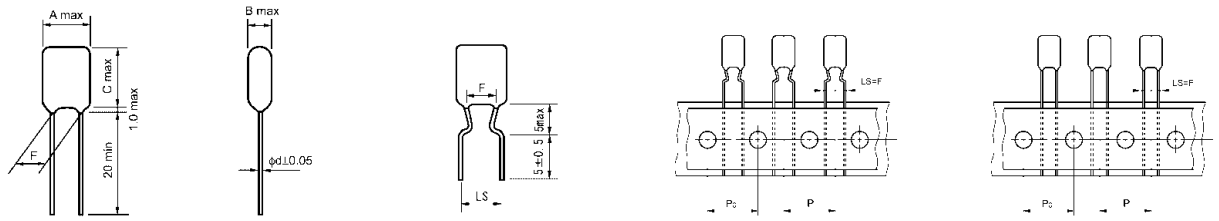
- It is a film capacitor with a polyphenylene sulfide film used for the rated temperature of 125°C.
- It has excellent temperature characteristics.
- RoHS compliance.

◆SPECIFICATIONS

Category temperature	−55°C~+125°C
Rated voltage (U_R)	50VDC,100VDC
Capacitance tolerance	±2%(G), ±3%(H), ±5%(J)
tanδ	0.33 μF ≧ : 0.003max 0.33 μF < : 0.005max at 1kHz
Voltage proof	U_R×200% 60s
Insulation resistance	30000MΩmin
Reference standard	JIS C 5101-1

◆OUTLINE

(mm)



Blank B7 Style A Style S

◆PART NUMBER

□□□	H2D	□□□	□	□□□	□□
Rated Voltage	Series	Rated capacitance	Tolerance	Sub mark	Suffix

Symbol	U_R
50	50VDC
100	100VDC

Symbol	Tolerance
G	± 2%
H	± 3%
J	± 5%

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

◆DIMENSIONS AND QUANTITY

◆RATED VOLTAGE : 50VDC

Part No.	cap (μF)	Dimensions (mm)						Typical Packaging Quantity (pcs)						
								Long Lead type		Taping Ammo pack type - style				
		A	B	C	F ±0.5	LS ±0.5	d	Bag	Carton	A TV	B, D TF	C –	E –	S TS
50H2D471□**	0.00047	5.5	3.0	8.0	3.5	5.0	0.5	200	10,000	3,000	–	–	–	3,000
50H2D561□**	0.00056	5.5	3.0	8.0	3.5	5.0	0.5	200	10,000	3,000	–	–	–	3,000
50H2D681□**	0.00068	5.5	3.0	8.0	3.5	5.0	0.5	200	10,000	3,000	–	–	–	3,000
50H2D821□**	0.00082	5.5	3.0	8.0	3.5	5.0	0.5	200	10,000	3,000	–	–	–	3,000
50H2D102□**	0.001	5.5	3.0	8.0	3.5	5.0	0.5	200	10,000	3,000	–	–	–	3,000
50H2D122□**	0.0012	5.5	3.0	8.0	3.5	5.0	0.5	200	10,000	3,000	–	–	–	3,000
50H2D152□**	0.0015	6.0	3.0	8.0	3.5	5.0	0.5	200	10,000	3,000	–	–	–	3,000
50H2D182□**	0.0018	6.0	3.0	8.0	3.5	5.0	0.5	200	10,000	3,000	–	–	–	3,000
50H2D222□**	0.0022	6.0	3.0	8.0	3.5	5.0	0.5	200	10,000	3,000	–	–	–	3,000
50H2D272□**	0.0027	6.0	3.0	8.0	3.5	5.0	0.5	200	10,000	3,000	–	–	–	3,000
50H2D332□**	0.0033	6.0	3.5	8.0	3.5	5.0	0.5	200	10,000	2,500	–	–	–	2,500
50H2D392□**	0.0039	6.0	3.5	8.0	3.5	5.0	0.5	200	10,000	2,500	–	–	–	2,500
50H2D472□**	0.0047	6.0	3.5	8.0	3.5	5.0	0.5	200	10,000	2,500	–	–	–	2,500
50H2D562□**	0.0056	6.0	3.5	8.0	3.5	5.0	0.5	200	10,000	2,500	–	–	–	2,500
50H2D682□**	0.0068	7.0	4.0	8.0	3.5	5.0	0.5	200	10,000	2,500	–	–	–	2,500
50H2D822□**	0.0082	7.0	4.0	8.0	3.5	5.0	0.5	200	10,000	2,500	–	–	–	2,500
50H2D103□**	0.01	7.0	4.0	8.0	3.5	5.0	0.5	200	8,000	2,500	–	–	–	2,500
50H2D123□**	0.012	7.0	4.0	8.0	3.5	5.0	0.5	200	8,000	2,000	–	–	–	2,000
50H2D153□**	0.015	7.0	4.5	9.0	3.5	5.0	0.5	200	8,000	2,000	–	–	–	2,000
50H2D183□**	0.018	7.0	4.5	9.0	3.5	5.0	0.5	200	8,000	2,000	–	–	–	2,000
50H2D223□**	0.022	7.5	5.0	9.0	3.5	5.0	0.5	200	8,000	2,000	–	–	–	2,000
50H2D273□**	0.027	7.5	5.0	9.0	3.5	5.0	0.5	200	5,000	2,000	–	–	–	2,000
50H2D333□**	0.033	8.5	5.5	9.0	3.5	5.0	0.5	200	5,000	2,000	–	–	–	2,000
50H2D393□**	0.039	8.5	5.5	9.5	5.0	5.0	0.5	200	5,000	1,500	–	–	–	1,500
50H2D473□**	0.047	9.0	5.5	10.0	5.0	5.0	0.5	200	4,000	1,500	–	–	–	1,500
50H2D563□**	0.056	9.0	6.0	11.0	5.0	5.0	0.5	200	4,000	1,500	–	–	–	1,500
50H2D683□**	0.068	9.0	6.0	11.0	5.0	5.0	0.5	200	4,000	1,500	–	–	–	1,500
50H2D823□**	0.082	10.0	7.5	12.0	5.0	5.0	0.5	200	3,000	1,000	–	–	–	1,000
50H2D104□**	0.1	10.0	7.5	12.0	5.0	5.0	0.5	200	3,000	1,000	–	–	–	1,000
50H2D124□**	0.12	11.0	8.0	12.5	5.0	5.0	0.5	200	3,000	–	–	–	–	–
50H2D154□**	0.15	12.0	8.5	12.5	5.0	5.0	0.5	200	2,000	–	–	–	–	–
50H2D184□**	0.18	12.5	9.0	12.5	7.5	5.0	0.5	200	2,000	–	–	–	–	–
50H2D224□**	0.22	13.0	9.5	14.5	7.5	5.0	0.5	200	2,000	–	–	–	–	–
50H2D274□**	0.27	13.5	9.5	16.0	7.5	5.0	0.6	200	2,000	–	–	–	–	–
50H2D334□**	0.33	15.0	10.0	16.0	7.5	5.0	0.6	100	1,500	–	–	–	–	–
50H2D394□**	0.39	15.5	11.5	16.5	7.5	5.0	0.6	100	1,000	–	–	–	–	–
50H2D474□**	0.47	16.5	12.5	17.0	7.5	5.0	0.6	100	1,000	–	–	–	–	–

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

◆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	LS ±0.5	d	Bag	Carton	A TV	B, D TF	C –	E –	S TS
100H2D471□**	0.00047	5.5	3.0	8.0	3.5±0.5	5.0	0.5	200	10,000	3,000	–	–	–	3,000
100H2D561□**	0.00056	5.5	3.0	8.0	3.5±0.5	5.0	0.5	200	10,000	3,000	–	–	–	3,000
100H2D681□**	0.00068	5.5	3.0	8.0	3.5±0.5	5.0	0.5	200	10,000	3,000	–	–	–	3,000
100H2D821□**	0.00082	5.5	3.0	8.0	3.5±0.5	5.0	0.5	200	10,000	3,000	–	–	–	3,000
100H2D102□**	0.001	5.5	3.0	8.0	3.5±0.5	5.0	0.5	200	10,000	3,000	–	–	–	3,000
100H2D122□**	0.0012	5.5	3.0	8.0	3.5±0.5	5.0	0.5	200	10,000	3,000	–	–	–	3,000
100H2D152□**	0.0015	6.0	3.0	8.0	3.5±0.5	5.0	0.5	200	10,000	3,000	–	–	–	3,000
100H2D182□**	0.0018	6.0	3.0	8.0	3.5±0.5	5.0	0.5	200	10,000	3,000	–	–	–	3,000
100H2D222□**	0.0022	6.0	3.0	8.0	3.5±0.5	5.0	0.5	200	10,000	3,000	–	–	–	3,000
100H2D272□**	0.0027	6.0	3.0	8.0	3.5±0.5	5.0	0.5	200	10,000	3,000	–	–	–	3,000
100H2D332□**	0.0033	6.0	3.5	8.0	3.5±0.5	5.0	0.5	200	10,000	2,500	–	–	–	2,500
100H2D392□**	0.0039	6.0	3.5	8.0	3.5±0.5	5.0	0.5	200	10,000	2,500	–	–	–	2,500
100H2D472□**	0.0047	6.0	3.5	8.0	3.5±0.5	5.0	0.5	200	10,000	2,500	–	–	–	2,500
100H2D562□**	0.0056	6.0	3.5	8.0	3.5±0.5	5.0	0.5	200	10,000	2,500	–	–	–	2,500
100H2D682□**	0.0068	7.0	3.5	10.0	$5.0^{+1.0}_{-1.5}$	5.0	0.5	200	8,000	2,000	–	–	–	2,000
100H2D822□**	0.0082	7.5	3.5	10.0	$5.0^{+1.0}_{-1.5}$	5.0	0.5	200	8,000	2,000	–	–	–	2,000
100H2D103□**	0.01	7.5	3.5	10.0	$5.0^{+1.0}_{-1.5}$	5.0	0.5	200	8,000	2,000	–	–	–	2,000
100H2D123□**	0.012	7.5	3.5	10.0	$5.0^{+1.0}_{-1.5}$	5.0	0.5	200	8,000	2,000	–	–	–	2,000
100H2D153□**	0.015	8.0	4.0	10.0	$5.0^{+1.0}_{-1.5}$	5.0	0.0	200	6,000	1,500	–	–	–	1,500
100H2D183□**	0.018	8.0	4.0	10.0	$5.0^{+1.0}_{-1.5}$	5.0	0.5	200	6,000	1,500	–	–	–	1,500
100H2D223□**	0.022	8.0	4.0	12.0	$5.0^{+1.0}_{-1.5}$	5.0	0.5	200	6,000	1,500	–	–	–	1,500
100H2D273□**	0.027	8.0	4.0	12.0	5.0±1.0	5.0	0.5	200	6,000	1,500	–	–	–	1,500
100H2D333□**	0.033	8.5	4.5	12.5	5.0±1.0	5.0	0.5	200	6,000	1,500	–	–	–	1,500
100H2D393□**	0.039	8.5	4.5	12.5	5.0±1.0	5.0	0.5	200	6,000	1,500	–	–	–	1,500
100H2D473□**	0.047	9.0	5.0	13.0	5.0±1.0	5.0	0.5	200	5,000	1,500	–	–	–	1,500
100H2D563□**	0.056	9.5	5.5	13.0	5.0±1.0	5.0	0.5	200	4,000	1,000	–	–	–	1,000
100H2D683□**	0.068	10.0	6.0	13.0	5.0±1.0	5.0	0.5	200	4,000	1,000	–	–	–	1,000
100H2D823□**	0.082	10.0	6.5	13.5	7.5±1.5	5.0	0.5	200	4,000	1,000	500	–	–	1,000
100H2D104□**	0.1	11.0	7.0	14.0	7.5±1.5	5.0	0.5	100	3,000	1,000	500	–	–	1,000
100H2D124□**	0.12	11.5	7.0	16.0	7.5±1.5	5.0	0.6	100	2,000	1,000	500	–	–	1,000
100H2D154□**	0.15	12.0	7.0	17.0	7.5±1.5	5.0	0.6	100	2,000	1,000	500	–	–	1,000
100H2D184□**	0.18	12.5	7.5	17.0	7.5±1.5	5.0	0.6	100	2,000	1,000	500	–	–	1,000
100H2D224□**	0.22	13.5	8.5	17.0	7.5±1.5	5.0	0.6	100	1,000	500	500	–	–	500

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