

特徴 / Features

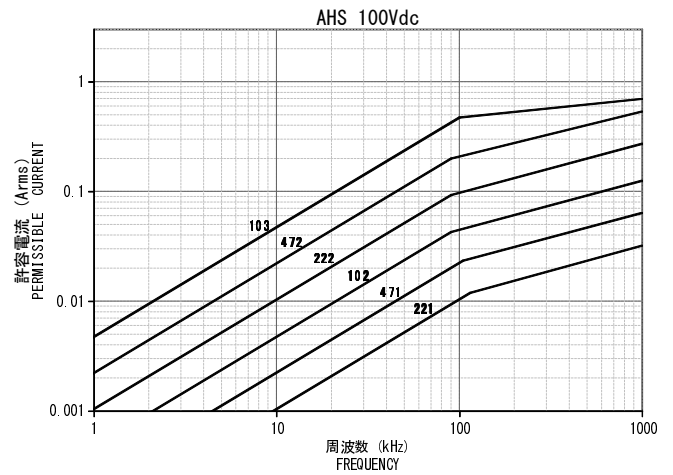
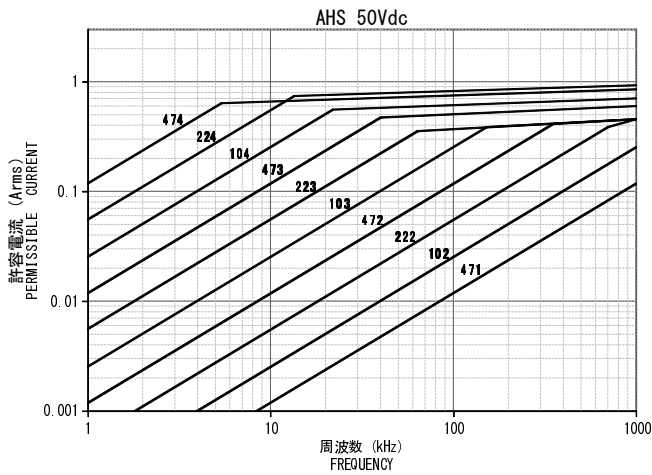
- 誘電体にポリフェニレンスルフィドフィルムを使用した最高使用温度+125°C保証のフィルムコンデンサです。
- エンジンルーム等、高温下で連続使用が可能です。
- 容量の温度特性が極めて優れ、100°Cまでフラットです。

- ★Film capacitor using polyphenylene sulfide film as dielectric, applicable for a +125°C maximum operating temperature.
- ★Capable of continuous operation under a high temperature environment such as engine-room of automobile.
- ★Excellent temperature characteristics with flat capacitance change up to 100°C.

規格 / Specifications

使用温度範囲 Temp. range	-55~+125°C	絶縁抵抗 Insulation resistance	$C \leq 0.33 \mu F$ 50,000MΩ _{at 100°C} $C > 0.33 \mu F$ 30,000MΩ _{at 100°C}
定格電圧 Rated voltage	50V, 100Vdc	高温負荷 Endurance	125°C、WV×140% 1000h印加 $\Delta C/C \pm 5\%$ _{at 100°C} in $\tan \delta$ $C \leq 0.33 \mu F$ 0.004 _{at 100°C} $C > 0.33 \mu F$ 0.006 _{at 100°C} IR 10,000MΩ _{at 100°C}
静電容量範囲 Capacitance	50V 0.00027~0.47μF 100V 0.00018~0.010μF	耐湿負荷 Damp heat	40°C、90~95%RH、WV 1000h印加 $\Delta C/C \pm 0.5\%$ _{at 100°C} in $\tan \delta$ 0.006 _{at 100°C} IR 9,000MΩ _{at 100°C}
静電容量許容差 Cap. tolerance	±2% (G), ±5% (J)		
誘電正接 Tangent of loss angle	$C \leq 0.30 \mu F$ 0.003 _{at 100°C} $C > 0.30 \mu F$ 0.005 _{at 100°C} (at 1kHz)		

周波数に対する許容電流特性 / Characteristics of permissible current to frequency



寸法 / Dimensions (mm)

形状 Style	ストレートリード Straight lead type		フォーミング Formed lead type	
Cap. 範囲	50Vdc	271~474	271~363	393~474
Cap. range	100Vdc	181~103	181~103	

Cap CODE	Cap (μF)	基準収納数 NUMBER OF PIECES FOR PACKING UNIT																										
		AHS 50V. dc							テーピング Taping			ロング Long		フォーミング Formed			AHS 100V. dc											
		W	H	T	P	F	φ d	Ammo	Bag	Box	Bag	Box	W	H	T	P	F	φ d	Ammo	Bag	Box	Bag	Box					
181	0.00018																	6.5	8.5	4.5	3.5	5.0	0.5	1,000	200	3,000	200	3,000
221	0.00022																	6.5	8.5	4.5	3.5	5.0	0.5	1,000	200	3,000	200	3,000
271	0.00027	6.5	8.5	4.5	3.5	5.0	0.5	1,000	200	3,000	200	5,000	6.5	8.5	4.5	3.5	5.0	0.5	1,000	200	3,000	200	3,000	1,000	200	3,000	200	3,000
331	0.00033	6.5	8.5	4.5	3.5	5.0	0.5	1,000	200	3,000	200	5,000	6.5	8.5	4.5	3.5	5.0	0.5	2,000	200	3,000	200	3,000	2,000	200	3,000	200	3,000
391	0.00039	6.5	8.5	4.5	3.5	5.0	0.5	1,000	200	3,000	200	5,000	6.5	8.5	4.5	3.5	5.0	0.5	2,000	200	3,000	200	3,000	2,000	200	3,000	200	3,000
471	0.00047	6.5	7.0	3.5	3.5	5.0	0.5	2,000	200	3,000	200	5,000	6.5	7.5	4.5	3.5	5.0	0.5	1,000	200	3,000	200	3,000	1,000	200	3,000	200	3,000
561	0.00056	6.5	7.0	3.5	3.5	5.0	0.5	2,000	200	3,000	200	5,000	6.5	7.5	4.5	3.5	5.0	0.5	2,000	200	3,000	200	3,000	2,000	200	3,000	200	3,000
681	0.00068	6.5	7.0	3.5	3.5	5.0	0.5	2,000	200	3,000	200	5,000	6.5	7.5	4.5	3.5	5.0	0.5	2,000	200	3,000	200	3,000	2,000	200	3,000	200	3,000
821	0.00082	6.5	7.0	3.5	3.5	5.0	0.5	2,000	200	3,000	200	5,000	6.5	7.5	4.5	3.5	5.0	0.5	2,000	200	3,000	200	3,000	2,000	200	3,000	200	3,000
102	0.0010	6.5	7.0	3.5	3.5	5.0	0.5	2,000	200	3,000	200	5,000	6.5	7.5	4.5	3.5	5.0	0.5	2,000	200	3,000	200	3,000	2,000	200	3,000	200	3,000
122	0.0012	6.5	7.0	3.5	3.5	5.0	0.5	2,000	200	3,000	200	5,000	6.5	7.5	4.5	3.5	5.0	0.5	2,000	200	3,000	200	3,000	2,000	200	3,000	200	3,000
152	0.0015	6.0	7.0	3.5	3.5	5.0	0.5	2,000	200	3,000	200	5,000	6.0	7.5	4.5	3.5	5.0	0.5	2,000	200	3,000	200	3,000	2,000	200	3,000	200	3,000
182	0.0018	6.0	7.0	3.5	3.5	5.0	0.5	2,000	200	3,000	200	5,000	6.0	7.5	4.5	3.5	5.0	0.5	2,000	200	3,000	200	3,000	2,000	200	3,000	200	3,000
222	0.0022	6.0	7.0	3.5	3.5	5.0	0.5	2,000	200	3,000	200	5,000	6.0	7.5	4.5	3.5	5.0	0.5	2,000	200	3,000	200	3,000	2,000	200	3,000	200	3,000
272	0.0027	6.0	7.0	3.5	3.5	5.0	0.5	2,000	200	3,000	200	5,000	6.0	7.5	4.5	3.5	5.0	0.5	2,000	200	3,000	200	3,000	2,000	200	3,000	200	3,000
332	0.0033	6.0	7.0	4.0	3.5	5.0	0.5	2,000	200	3,000	200	5,000	6.0	7.5	4.5	3.5	5.0	0.5	2,000	200	3,000	200	3,000	2,000	200	3,000	200	3,000
392	0.0039	6.5	7.0	4.0	3.5	5.0	0.5	2,000	200	3,000	200	5,000	6.5	7.5	4.5	3.5	5.0	0.5	2,000	200	3,000	200	3,000	2,000	200	3,000	200	3,000
472	0.0047	6.5	7.0	4.0	3.5	5.0	0.5	2,000	200	3,000	200	5,000	6.5	7.5	4.5	3.5	5.0	0.5	2,000	200	3,000	200	3,000	2,000	200	3,000	200	3,000
562	0.0056	6.5	7.0	4.5	3.5	5.0	0.5	2,000	200	3,000	200	5,000	7.5	8.0	5.0	3.5	5.0	0.5	1,000	200	3,000	200	3,000	1,000	200	3,000	200	3,000
682	0.0068	7.0	7.0	4.5	3.5	5.0	0.5	1,000	200	3,000	200	5,000	8.0	8.0	5.3	3.5	5.0	0.5	1,000	200	3,000	200	3,000	1,000	200	3,000	200	3,000
822	0.0082	7.0	7.5	4.5	3.5	5.0	0.5	1,000	200	3,000	200	5,000	8.0	8.0	5.5	3.5	5.0	0.5	1,000	200	3,000	200	3,000	1,000	200	3,000	200	3,000
103	0.010	7.0	7.5	4.5	3.5	5.0	0.5	1,000	200	3,000	200	5,000	8.0	8.5	6.0	3.5	5.0	0.5	1,000	200	3,000	200	3,000	1,000	200	3,000	200	3,000
123	0.012	7.0	7.5	4.5	3.5	5.0	0.5	1,000	200	3,000	200	5,000																
153	0.015	7.5	7.5	5.5	3.5	5.0	0.5	1,000	200	3,000	200	5,000																
183	0.018	7.5	8.0	5.5	3.5	5.0	0.5	1,000	200	3,000	200	5,000																
223	0.022	8.0	8.0	6.0	3.5	5.0	0.5	1,000	200	3,000	200	4,000																
273	0.027	8.0	8.5	6.0	3.5	5.0	0.5	1,000	200	3,000	200	4,000																
333	0.033	8.5	8.5	6.5	3.5	5.0	0.5	1,000	200	3,000	200	3,000																
393	0.039	9.0	9.0	6.5	5.0	5.0	0.5	1,000	200	2,000	200	3,000																
473	0.047	9.5	9.0	7.0	5.0	5.0	0.5	1,000	200	2,000	200	3,000																
563	0.056	9.5	10.0	7.0	5.0	5.0	0.5	1,000	200	2,000	200	3,000																
683	0.068	10.0	10.0	7.0	5.0	5.0	0.5	1,000	200	2,000	200	3,000																
823	0.082	10.5	11.0	7.5	5.0	5.0	0.5	1,000	200	2,000	200	3,000																
104	0.10	11.0	11.0	8.5	5.0	5.0	0.5	1,000	200	1,000	200	2,000																
124	0.12	11.0	12.0	8.5	5.0	5.0	0.5	500	200	1,000	200	2,000																
154	0.15	12.5	12.0	9.0	5.0	5.0	0.5	500	200	1,000	200	2,000																
184	0.18	13.0	15.5	9.0	7.5	5.0	0.6	500	100	1,000	100	1,500																
224	0.22	13.5	15.5	9.5	7.5	5.0	0.6	300	100	500	100	1,000																
274	0.27	14.0	16.0	11.0	7.5	7.5	0.6	200	100	500	100	1,000																
334	0.33	15.5	16.0	11.0	7.5	7.5	0.6	200	100	500	100	1,000																
394	0.39	16.5	16.5	12.0	7.5	7.5	0.6			500	100	500																
474	0.47	17.0	17.0	13.0	7.5	7.5	0.6			500	100	500																

ご使用にあたっては、使用上の注意事項をご確認の上、技術仕様書等をお求め願ひ、仕様書の範囲内でのご使用をお願いいたします。

When using our capacitors, please consider the application notes and contact NISSEI for additional technical specifications relating to the limits of our performance characteristics.