NISSEI 積層形メタライズド・ポリエステル・フィルム・コンデンサ

Type **MMT (B)**

STACKED TYPE METALLIZED POLYESTER FILM CAPACITOR

特徴／Features

●外装は最新のエポキシ加工により難燃性のエポキシ樹脂による均一な厚さで覆われていますので小型軽量となっています。

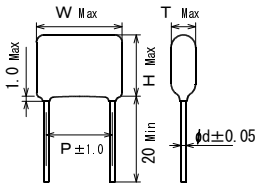
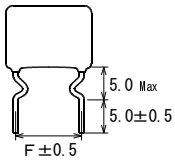
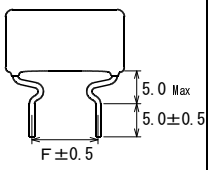
★Uniform flame-retardant epoxy resin coating through the latest resin tecnology.
This provides miniature size and light weight.

規格／Specifications

使用温度範囲 Temp. range	-40～+85℃ (+105℃)※	誘電正接 Tangent of loss angle	0.01以下 or less (at 1kHz)
定格電圧 Rated voltage	50V, 63V, 100V, 250, 450, 630Vdc	絶縁抵抗 Insulation resistance	C≦0.33μF 3,000MΩ以上 or more C＞0.33μF 1,000ΩF以上 or more
静電容量範囲 Capacitance	50Vdc/63Vdc 0.010 ～ 3.3μF (E-12) 100Vdc 0.010 ～ 1.0μF (E-12) 250Vdc 0.0010～ 0.33μF (E-12) 450Vdc 0.0010～ 0.10μF (E-12) 630Vdc 0.0010～ 0.010μF(E-12)	高温負荷 Endurance	85℃ WV×125% 1000hr印加 ΔC/C ±5%以内 in tanδ 0.01以下 less IR C≦0.33μF 1,000MΩ以上 or more C＞0.33μF 300ΩF以上 or more
静電容量許容差 Cap. tolerance	±5% (J)	耐湿負荷 Damp heat	40℃ 90～95%RH WV 500hr印加 ΔC/C ±7%以内 in tanδ 0.011以下 less IR C≦0.33μF 100MΩ以上 or more C＞0.33μF 30ΩF以上 or more

※ ( ) 温度は電圧軽減による使用可能範囲です。

※ ( ) Marked temperature shows operatable range when voltage is derated.

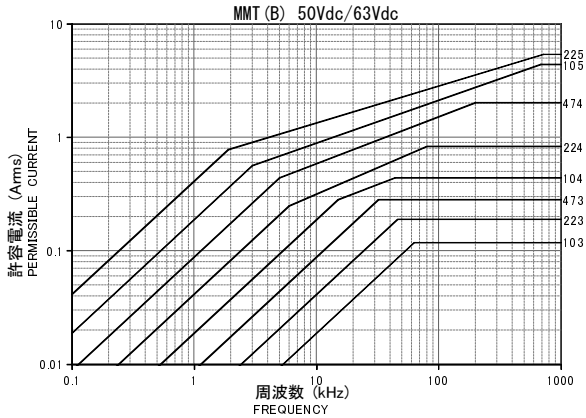
	ストレートリード Straight lead type		フォーミング Forming lead type	
形状 Style				
Cap範囲 Cap range	50Vdc/63Vdc	103～335	103～105	125～335
	100Vdc	103～105	103～105	
	250Vdc	102～334	102～154	184～334
	450Vdc	102～104	102～333	393～104
	630Vdc	102～103	102～103	

寸法／Dimensions (mm)

Cap CODE	Cap (μF)	MMT (B) 50Vdc/63Vdc						基準収納数 NUMBER OF PIECES FOR PACKING UNIT				
								テーピング Taping	ロング Long		フォーミング Formed	
		W	H	T	P	F	φd	Ammo	Bag	Box	Bag	Box
103	0.010	7.2	5.0	3.0	5.0	5.0	0.5	2,000	500	4,000	200	6,000
123	0.012	7.2	5.0	3.0	5.0	5.0	0.5	2,000	500	4,000	200	6,000
153	0.015	7.2	5.0	3.0	5.0	5.0	0.5	2,000	500	4,000	200	6,000
183	0.018	7.2	5.0	3.0	5.0	5.0	0.5	2,000	500	4,000	200	6,000
223	0.022	7.2	5.0	3.0	5.0	5.0	0.5	2,000	500	4,000	200	6,000
273	0.027	7.2	5.0	3.0	5.0	5.0	0.5	2,000	500	4,000	200	6,000
333	0.033	7.2	5.0	3.0	5.0	5.0	0.5	2,000	500	4,000	200	6,000
393	0.039	7.2	5.0	3.0	5.0	5.0	0.5	2,000	500	4,000	200	6,000
473	0.047	7.2	5.0	3.0	5.0	5.0	0.5	2,000	500	4,000	200	6,000
563	0.056	7.2	5.0	3.0	5.0	5.0	0.5	2,000	500	4,000	200	6,000
683	0.068	7.2	5.0	3.0	5.0	5.0	0.5	2,000	500	4,000	200	6,000
823	0.082	7.2	5.0	3.0	5.0	5.0	0.5	2,000	500	4,000	200	6,000
104	0.10	7.2	5.0	3.0	5.0	5.0	0.5	2,000	500	4,000	200	6,000
124	0.12	7.2	5.0	3.0	5.0	5.0	0.5	2,000	500	4,000	200	6,000
154	0.15	7.2	5.5	3.5	5.0	5.0	0.5	2,000	500	4,000	200	6,000
184	0.18	7.2	5.5	3.5	5.0	5.0	0.5	2,000	500	4,000	200	6,000
224	0.22	7.2	5.5	4.3	5.0	5.0	0.5	2,000	200	3,000	200	4,000
274	0.27	7.2	6.5	4.3	5.0	5.0	0.5	1,000	200	3,000	200	4,000
334	0.33	7.2	6.5	4.8	5.0	5.0	0.5	1,000	200	3,000	200	4,000
394	0.39	7.2	7.0	5.0	5.0	5.0	0.5	1,000	200	2,000	200	3,000
474	0.47	7.2	7.5	5.5	5.0	5.0	0.5	1,000	200	2,000	200	3,000
564	0.56	7.2	8.0	5.8	5.0	5.0	0.5	1,000	200	2,000	200	3,000
684	0.68	7.2	8.5	6.5	5.0	5.0	0.5	1,000	200	2,000	200	3,000
824	0.82	7.2	9.5	6.5	5.0	5.0	0.5	1,000	200	2,000	200	2,000
105	1.0	7.2	9.5	7.5	5.0	5.0	0.5	1,000	200	2,000	200	2,000
125	1.2	10.0	9.5	5.5	7.5	5.0	0.5	1,000	100	1,000	100	1,500
155	1.5	10.0	9.5	6.5	7.5	5.0	0.5	1,000	100	1,000	100	1,500
185	1.8	10.0	11.0	6.5	7.5	5.0	0.5		100	1,000	100	1,500
225	2.2	10.0	11.0	7.0	7.5	5.0	0.5		100	1,000	100	1,500
275	2.7	10.0	13.5	7.0	7.5	5.0	0.5		100	1,000	100	1,000
335	3.3	10.0	13.5	8.0	7.5	5.0	0.5		100	1,000	100	1,000

周波数に対する許容電流特性／

Characteristics of permissible current to frequency



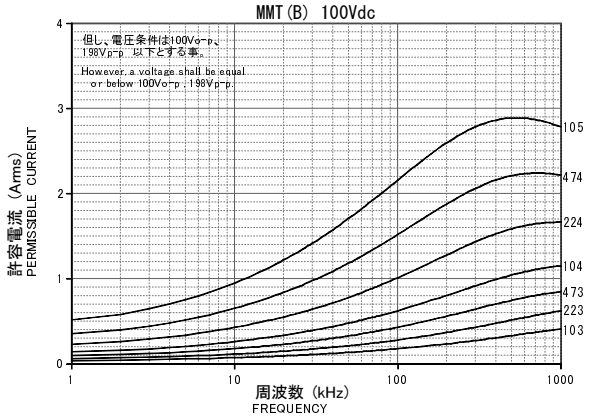
ご使用にあたっては、使用上の注意事項をご確認の上、技術仕様書等をお求め願い、仕様書の範囲内でのご使用をお願いします。

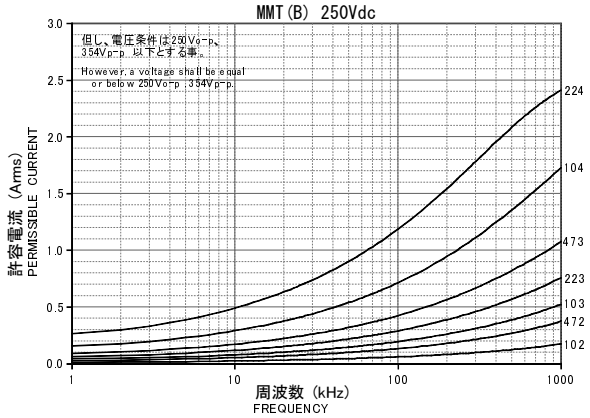
When using or capacitors, please consider the application notes and contact NISSEI for additional technical specifications relating to the limits of our performance characteristics.

寸法／Dimensions(mm)

Cap CODE	Cap (μF)	MMT(B) 100Vdc						基準収納数 NUMBER OF PIECES FOR PACKING UNIT					MMT(B) 250Vdc						基準収納数 NUMBER OF PIECES FOR PACKING UNIT				
								テーピング Taping	ロング Long		フォーミング Formed								テーピング Taping	ロング Long		フォーミング Formed	
		W	H	T	P	F	φd	Ammo	Bag	Box	Bag	Box	W	H	T	P	F	φd	Ammo	Bag	Box	Bag	Box
102	0.0010												7.2	5.0	3.2	5.0	5.0	0.5	2,000	500	4,000	200	6,000
122	0.0012												7.2	5.0	3.2	5.0	5.0	0.5	2,000	500	4,000	200	6,000
152	0.0015												7.2	5.0	3.2	5.0	5.0	0.5	2,000	500	4,000	200	6,000
182	0.0018												7.2	5.0	3.2	5.0	5.0	0.5	2,000	500	4,000	200	6,000
222	0.0022												7.2	5.0	3.2	5.0	5.0	0.5	2,000	500	4,000	200	6,000
272	0.0027												7.2	5.0	3.2	5.0	5.0	0.5	2,000	500	4,000	200	6,000
332	0.0033												7.2	5.0	3.5	5.0	5.0	0.5	2,000	500	4,000	200	6,000
392	0.0039												7.2	6.0	3.5	5.0	5.0	0.5	2,000	500	4,000	200	6,000
472	0.0047												7.2	6.0	4.0	5.0	5.0	0.5	2,000	500	4,000	200	6,000
562	0.0056												7.2	6.5	4.0	5.0	5.0	0.5	2,000	500	4,000	200	6,000
682	0.0068												7.2	6.5	4.5	5.0	5.0	0.5	2,000	500	4,000	200	6,000
822	0.0082												7.2	7.5	4.5	5.0	5.0	0.5	2,000	500	4,000	200	6,000
103	0.010	7.2	5.0	3.0	5.0	5.0	0.5	2,000	500	4,000	200	6,000	7.2	5.5	3.5	5.0	5.0	0.5	2,000	500	4,000	200	6,000
123	0.012	7.2	5.0	3.0	5.0	5.0	0.5	2,000	500	4,000	200	6,000	7.2	6.5	3.5	5.0	5.0	0.5	2,000	500	4,000	200	6,000
153	0.015	7.2	5.0	3.0	5.0	5.0	0.5	2,000	500	4,000	200	6,000	7.2	5.5	3.5	5.0	5.0	0.5	2,000	500	4,000	200	6,000
183	0.018	7.2	5.0	3.0	5.0	5.0	0.5	2,000	500	4,000	200	6,000	7.2	6.0	3.5	5.0	5.0	0.5	2,000	500	4,000	200	6,000
223	0.022	7.2	5.0	3.0	5.0	5.0	0.5	2,000	500	4,000	200	6,000	7.2	5.5	3.5	5.0	5.0	0.5	2,000	500	4,000	200	6,000
273	0.027	7.2	5.0	3.0	5.0	5.0	0.5	2,000	500	4,000	200	6,000	7.2	6.5	3.5	5.0	5.0	0.5	2,000	500	4,000	200	6,000
333	0.033	7.2	5.0	3.0	5.0	5.0	0.5	2,000	500	4,000	200	6,000	7.2	6.0	3.7	5.0	5.0	0.5	2,000	500	4,000	200	6,000
393	0.039	7.2	5.0	3.0	5.0	5.0	0.5	2,000	500	4,000	200	6,000	7.2	6.5	3.7	5.0	5.0	0.5	2,000	500	4,000	200	6,000
473	0.047	7.2	5.0	3.0	5.0	5.0	0.5	2,000	500	4,000	200	6,000	7.2	7.0	3.7	5.0	5.0	0.5	2,000	200	3,000	200	4,000
563	0.056	7.2	5.0	3.0	5.0	5.0	0.5	2,000	500	4,000	200	6,000	7.2	7.0	4.3	5.0	5.0	0.5	2,000	200	3,000	200	4,000
683	0.068	7.2	5.0	3.2	5.0	5.0	0.5	2,000	500	4,000	200	6,000	7.2	7.5	4.3	5.0	5.0	0.5	2,000	200	3,000	200	4,000
823	0.082	7.2	5.0	3.2	5.0	5.0	0.5	2,000	500	4,000	200	6,000	7.2	7.5	5.0	5.0	5.0	0.5	1,000	200	3,000	200	4,000
104	0.10	7.2	5.3	3.5	5.0	5.0	0.5	2,000	500	4,000	200	6,000	7.2	8.5	5.0	5.0	5.0	0.5	1,000	200	2,000	200	3,000
124	0.12	7.2	5.5	3.5	5.0	5.0	0.5	2,000	500	4,000	200	6,000	7.2	9.5	5.0	5.0	5.0	0.5	1,000	200	2,000	200	3,000
154	0.15	7.2	5.3	4.3	5.0	5.0	0.5	2,000	500	4,000	200	6,000	7.2	9.5	6.0	5.0	5.0	0.5	1,000	200	2,000	200	3,000
184	0.18	7.2	5.3	4.6	5.0	5.0	0.5	1,000	500	4,000	200	6,000	9.8	10.0	4.6	7.5	5.0	0.5	1,000	100	1,500	100	1,500
224	0.22	7.2	5.3	5.0	5.0	5.0	0.5	1,000	200	3,000	200	4,000	9.8	11.3	4.6	7.5	5.0	0.5	1,000	100	1,500	100	1,500
274	0.27	7.2	6.3	5.0	5.0	5.0	0.5	1,000	200	3,000	200	4,000	9.8	11.0	5.5	7.5	5.0	0.5	1,000	100	1,500	100	1,500
334	0.33	7.2	6.3	5.6	5.0	5.0	0.5	1,000	200	3,000	200	4,000	9.8	12.0	5.8	7.5	5.0	0.5	1,000	100	1,500	100	1,500
394	0.39	7.2	6.8	5.6	5.0	5.0	0.5	1,000	200	2,000	200	3,000											
474	0.47	7.2	8.0	5.8	5.0	5.0	0.5	1,000	200	2,000	200	3,000											
564	0.56	7.2	8.0	6.1	5.0	5.0	0.5	1,000	200	2,000	200	3,000											
684	0.68	7.2	9.0	6.1	5.0	5.0	0.5	1,000	200	2,000	200	3,000											
824	0.82	7.2	9.0	7.0	5.0	5.0	0.5		200	2,000	200	2,000											
105	1.0	7.2	10.5	7.0	5.0	5.0	0.5		200	1,000	200	1,000											

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





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NISSEI 積層形メタライズド・ポリエステル・フィルム・コンデンサ

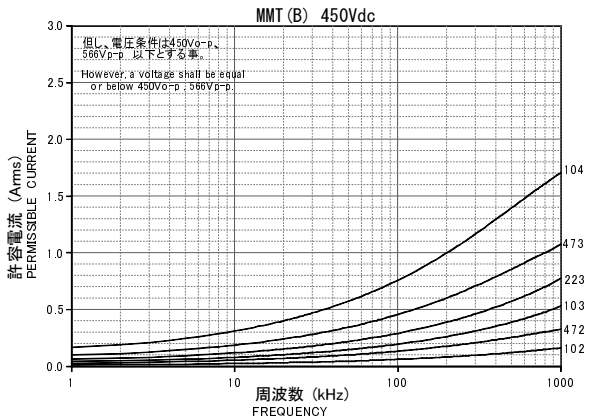
Type **MMT (B)**

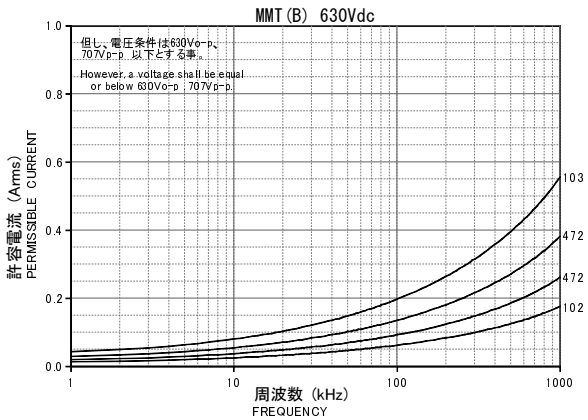
STACKED TYPE METALLIZED POLYESTER FILM CAPACITOR

寸法／Dimensions (mm)

Cap CODE	Cap (μF)	MMT (B) 450Vdc						基準収納数 NUMBER OF PIECES FOR PACKING UNIT					MMT (B) 630Vdc						基準収納数 NUMBER OF PIECES FOR PACKING UNIT				
								テーピング Taping	ロング Long		フォーミング Formed								テーピング Taping	ロング Long		フォーミング Formed	
		W	H	T	P	F	φd	Ammo	Bag	Box	Bag	Box	W	H	T	P	F	φd	Ammo	Bag	Box	Bag	Box
102	0.0010	7.2	5.0	3.2	5.0	5.0	0.5	2,000	500	4,000	200	6,000	7.2	5.0	3.2	5.0	5.0	0.5	2,000	500	4,000	200	6,000
122	0.0012	7.2	5.0	3.2	5.0	5.0	0.5	2,000	500	4,000	200	6,000	7.2	5.0	3.2	5.0	5.0	0.5	2,000	500	4,000	200	6,000
152	0.0015	7.2	5.0	3.2	5.0	5.0	0.5	2,000	500	4,000	200	6,000	7.2	5.0	3.2	5.0	5.0	0.5	2,000	500	4,000	200	6,000
182	0.0018	7.2	5.0	3.2	5.0	5.0	0.5	2,000	500	4,000	200	6,000	7.2	5.0	3.2	5.0	5.0	0.5	2,000	500	4,000	200	6,000
222	0.0022	7.2	5.0	3.2	5.0	5.0	0.5	2,000	500	4,000	200	6,000	7.2	6.0	3.5	5.0	5.0	0.5	2,000	500	4,000	200	6,000
272	0.0027	7.2	5.0	3.2	5.0	5.0	0.5	2,000	500	4,000	200	6,000	7.2	7.0	3.5	5.0	5.0	0.5	2,000	200	3,000	200	4,000
332	0.0033	7.2	5.0	3.5	5.0	5.0	0.5	2,000	500	4,000	200	6,000	7.2	6.5	4.0	5.0	5.0	0.5	2,000	200	3,000	200	4,000
392	0.0039	7.2	6.0	3.5	5.0	5.0	0.5	2,000	500	4,000	200	6,000	7.2	7.5	4.0	5.0	5.0	0.5	2,000	200	3,000	200	4,000
472	0.0047	7.2	6.0	4.0	5.0	5.0	0.5	2,000	500	4,000	200	6,000	7.2	7.5	4.5	5.0	5.0	0.5	1,000	200	3,000	200	4,000
562	0.0056	7.2	6.5	4.0	5.0	5.0	0.5	2,000	200	3,000	200	6,000	7.2	8.5	4.5	5.0	5.0	0.5	1,000	200	2,000	200	3,000
682	0.0068	7.2	6.5	4.5	5.0	5.0	0.5	1,000	200	3,000	200	4,000	7.2	9.0	4.5	5.0	5.0	0.5	1,000	200	2,000	200	3,000
822	0.0082	7.2	7.5	4.5	5.0	5.0	0.5	1,000	200	3,000	200	4,000	7.2	9.0	5.0	5.0	5.0	0.5	1,000	200	2,000	200	3,000
103	0.010	7.2	6.0	4.3	5.0	5.0	0.5	1,000	200	3,000	200	4,000	7.2	9.0	5.5	5.0	5.0	0.5	1,000	200	2,000	200	3,000
123	0.012	7.2	6.5	4.3	5.0	5.0	0.5	1,000	200	3,000	200	4,000											
153	0.015	7.2	7.5	4.3	5.0	5.0	0.5	1,000	200	3,000	200	4,000											
183	0.018	7.2	8.5	4.5	5.0	5.0	0.5	1,000	200	2,000	200	3,000											
223	0.022	7.2	9.5	4.5	5.0	5.0	0.5	1,000	200	2,000	200	3,000											
273	0.027	7.2	8.5	5.5	5.0	5.0	0.5	1,000	200	2,000	200	3,000											
333	0.033	7.2	9.5	5.5	5.0	5.0	0.5	1,000	200	2,000	200	3,000											
393	0.039	9.8	7.0	4.2	7.5	5.0	0.5	2,000	200	1,600	200	1,600											
473	0.047	9.8	7.2	4.2	7.5	5.0	0.5	2,000	200	1,600	200	1,600											
563	0.056	9.8	8.0	4.2	7.5	5.0	0.5	2,000	200	1,600	200	1,600											
683	0.068	9.8	8.3	4.4	7.5	5.0	0.5	2,000	100	1,500	100	1,500											
823	0.082	9.8	8.6	4.8	7.5	5.0	0.5	1,000	100	1,500	100	1,500											
104	0.10	9.8	10.8	4.5	7.5	5.0	0.5	1,000	100	1,000	100	1,000											

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





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い、仕様書の範囲内でのご使用をお願いします。

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