

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 technology.
This provides miniature size and light weight.

規格／Specifications

使用温度範囲 Temp. range	-40~+85°C (+105°C)※	誘電正接 Tangent of loss angle	0.01 _{at 1kHz}
定格電圧 Rated voltage	50V, 63V, 100V, 250, 450, 630Vdc	絶縁抵抗 Insulation resistance	C ≤ 0.33 μF 3,000MΩ _{or more} C > 0.33 μF 1,000MΩ _{or more}
静電容量範囲 Capacitance	50Vdc/63Vdc 0.010 ~ 3.3 μF (E-12) 100Vdc 0.010 ~ 1.0 μF (E-12) 250Vdc 0.0010 ~ 0.33 μF (E-12) 450Vdc 0.0010 ~ 0.10 μF (E-12) 630Vdc 0.0010 ~ 0.010 μF (E-12)	高温負荷 Endurance	85°C WV × 125% 1000hr印加 ΔC/C ± 5% _{or in} tan δ 0.01 _{at 1kHz} IR C ≤ 0.33 μF 1,000MΩ _{or more} C > 0.33 μF 300Ω F _{or more}
静電容量許容差 Cap. tolerance	±5% (J), ±10% (K)	耐湿負荷 Damp heat	40°C 90~95%RH WV 500hr印加 ΔC/C ± 7% _{or in} tan δ 0.011 _{at 1kHz} IR C ≤ 0.33 μF 100MΩ _{or more} C > 0.33 μF 30Ω F _{or more}

※ () 温度は電圧軽減による使用可能範囲です。

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

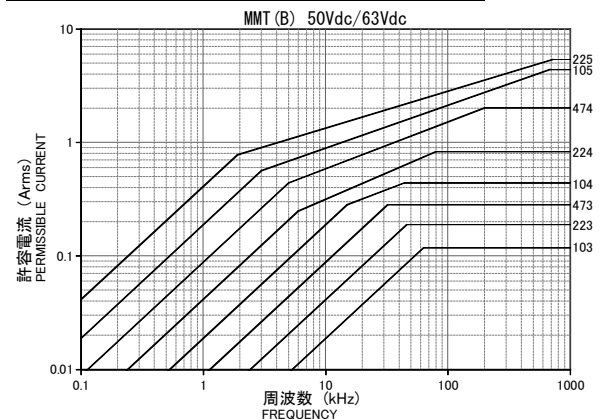
形状 Style	ストレートリード Straight lead type		フォーミング Forming lead type	
Cap範囲 Cap range	50Vdc/63Vdc	103~335	103~105	125~335
	100Vdc	103~105	103~105	
	250Vdc	102~334	102~154	184~334
	450Vdc	102~104	102~333	393~104
	630Vdc	102~103	102~103	

寸法／Dimensions (mm)

Cap CODE	Cap (μF)	基準収納数 NUMBER OF PIECES FOR PACKING UNIT										
		MMT (B) 50Vdc/63Vdc										
		W	H	T	P	F	φ d	テーピング Taping	ロング Long	ボックス Box	フォーミング Formed	ボックス 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／

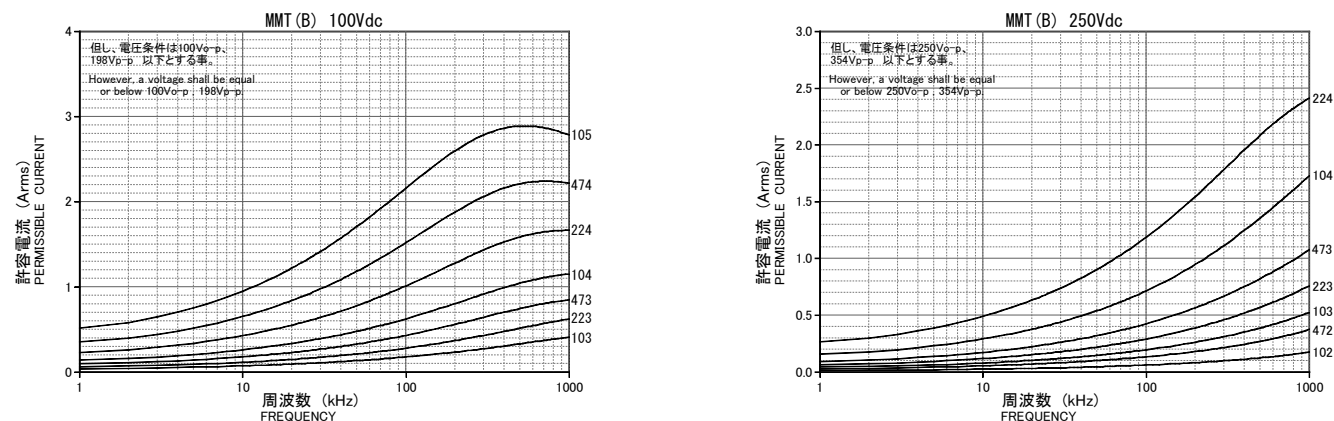
Characteristics of permissible current to frequency



寸法／Dimensions (mm)

Cap CODE	Cap (μ F)	基準収納数 NUMBER OF PIECES FOR PACKING UNIT										基準収納数 NUMBER OF PIECES FOR PACKING UNIT													
		MMT (B) 100Vdc						テーピング Taping		ロング Long		フォーミング Formed		MMT (B) 250Vdc						テーピング Taping		ロング Long		フォーミング Formed	
		W	H	T	P	F	ϕ d	Ammo	Bag	Box	Bag	Box	W	H	T	P	F	ϕ d	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



寸法／Dimensions (mm)

Cap CODE	Cap (μF)	基準収納数 NUMBER OF PIECES FOR PACKING UNIT												基準収納数 NUMBER OF PIECES FOR PACKING UNIT																				
		MMT (B) 450Vdc							テーピング Taping					ロング Long		フォーミング Formed		MMT (B) 630Vdc							テーピング Taping					ロング Long		フォーミング Formed		
		W	H	T	P	F	φ d	Ammo	Bag	Box	Bag	Box	W	H	T	P	F	φ d	Ammo	Bag	Box	Bag	Box	W	H	T	P	F	φ d	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	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	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	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	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	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	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	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	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	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	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	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	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	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

