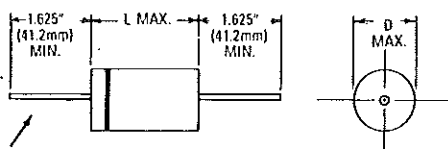
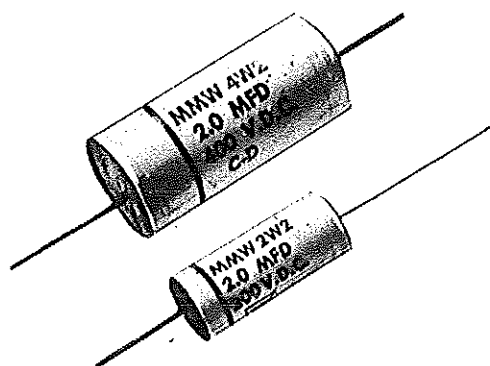


METALLIZED POLYESTER — TUBULAR STYLE

 Type
MMW
Class
207.07


TINNED COPPER CLAD STEEL LEADS

The type MMW metallized polyester dielectric capacitor features extremely small sizes and is ideally suited for application in miniature, transistorized circuits and compact, miniaturized military, industrial, and commercial equipment.

The metallized polyester film dielectric section is tightly wound and is encased in a tough film wrapper. The MMW has epoxy end seals bonded to the wrapper and leads.

Capacitance tolerance of 5%, 10%, and 20% are available from stock on 50 VDC units; type MMW capacitor has excellent resistance to humidity and moisture as well as excellent capacitance stability over the operating temperature range. The unit is designed for an operating range of -55°C to $+85^{\circ}\text{C}$ at full rated voltage. It may be operated to a maximum temperature of $+125^{\circ}\text{C}$ with voltage derated to 50% of the $+85^{\circ}\text{C}$ value.

WIRE SIZES FOR CASE DIAMETERS

- #24 AWG. up to and including .282" (7.16mm) diameter
- #22 AWG. .283" (7.19mm) to .532" (13.51mm) diameters inclusive
- #20 AWG. .533" (13.54mm) to .687" (17.45mm) diameters inclusive.
- #18 AWG. .688" (17.48mm) diameter and larger.

AC OPERATION, VOLTS RMS

AC operation must be limited such that the product of RMS AC volts and amps does not exceed 15 per square inch of case surface.

DCVV	60 Hz	400 Hz	1 KHz	15 KHz
50	35	35	15	10
100	65	65	35	20
200	125	105	65	35
400	200	165	110	60
600*	250	210	150	90

*All Values below 0.1 UF.

STANDARD STOCK RATINGS

CAP. MFD.	MMW PART NO.	MAX. DIMENSIONS	MMW PART NO.	MAX. DIMENSIONS	MMW PART NO.	MAX. DIMENSIONS	MMW PART NO.	MAX. DIMENSIONS
	50 VDC	D x L	200 VDC	D x L	400 VDC	D x L	600 VDC	D x L
.010					4S1	.170 x .562	6S1	.185 x .687
.022					4S22	.220 x .562		
.033			2S33	.190 x .562	4S33	.220 x .687		
.047			2S47	.210 x .562	4S47	.245 x .687		
.068			2S68	.200 x .687				
.082								
.1	05P1	.220 x .562	2P1	.240 x .687	4P1	.320 x .687	6P1	.340 x 1.000
.15	05P15	.210 x .687	2P15	.270 x .687	4P15	.290 x 1.000		
.22	05P22	.240 x .687	2P22	.310 x .687	4P22	.335 x 1.000	6P22	.430 x 1.250
.33	05P33	.280 x .687	2P33	.365 x .687	4P33	.360 x 1.187	6P33	.480 x 1.250
.47	05P47	.320 x .687	2P47	.320 x 1.000	4P47	.415 x 1.187	6P47	.470 x 1.750
.68	05P68	.290 x 1.000	2P68	.365 x 1.000	4P68	.435 x 1.500	6P68	.570 x 1.750
1.0	05W1	.335 x 1.000	2W1	.430 x 1.062	4W1	.470 x 1.750	6W1	.685 x 1.750
1.5	05W1P5	.335 x 1.250	2W1P5	.465 x 1.250	4W1P5	.570 x 1.750		
2.0	05W2	.400 x 1.250	2W2	.525 x 1.250	4W2	.650 x 1.750		
3.0	05W3	.475 x 1.250						
4.0	05W4	.505 x 1.375						
5.0	05W5	.525 x 1.500						

†Order by complete type number; e.g. MMW05P1.

CAPACITANCE TOLERANCE: $\pm 20\%$.

FOR 50 VOLT UNITS ONLY, SPECIFY TOLERANCE BY ADDING "-5" TO THE PART NUMBER FOR $\pm 5\%$, "-10" FOR $\pm 10\%$, AND "-20" FOR $\pm 20\%$.