

### Metallized Polyester Capacitor

Type: **WMEA (CL20)**

Non-inductive axial flat construction, using Metallized Polyester Film, with plastic wrapping and epoxy end seal.

• **Features**

- \* Self-healing property
- \* Excellent electrical characteristics



• **Applications**

- \* Audio-circuit, logic and timing circuits,
- \* DC blocking, by pass and coupling
- \* Automatic machines working at high temperature.

• **Explanation of Part Numbers**

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
M	C	L	2	0												
Type		Rated volt.			Capacitance			Cap.Tol.	Pitch	Colour	Code					

  

J	±5%	Y	Yellow
K	±10%	W	White
M	±20%	G	Green
		K	Black

• **Specifications (IEC384- 2 GB7335- 87)**

Category temp. range	- 40°C ~ +105°C						
Rated voltage	100VDC, 250VDC, 400VDC, 630VDC						
Capacitance range	0.01 ~ 22μF (at: 20°C, 1KHZ)						
Capacitance tolerance	J (± 5%), K (±10%), M(±20%)						
Dissipation factor	C <sub>R</sub> ≤1μF: 1.3% max (20°C /10KHZ) C <sub>R</sub> >1μF: 1.0% max (20°C /1KHZ)						
Withstand voltage	1.6 V <sub>R</sub> 2s						
Maximum pulse slope at V <sub>R</sub>	U <sub>R</sub>	100V	250V	400V	630V	dV/dt	
	L=13-15	10	22	28	44	V/μs	
	L=20	6.6	15	22	33	V/μs	
	L=25-27	4.4	10	14	22	V/μs	
Insulation resistance	L=32-36	2.2	5.5	7.7	12	V/μs	
	63VDC, 100VDC:	C <sub>R</sub> ≤0.33μF 7500MΩ min C <sub>R</sub> >0.33μF 2500 s min		(20°C/10VDC/60s)			
	250VDC, 400VDC:	C <sub>R</sub> ≤0.33μF 15000MΩ min C <sub>R</sub> >0.33μF 5000 s min		(20°C/100VDC/60s)			
	630VDC, 1000VDC:	C <sub>R</sub> ≤0.33μF 15000MΩ min C <sub>R</sub> >0.33μF 5000 s min		(20°C/500VDC/60s)			

