



Wirewound Resistors, Commercial Power, Vitreous Coated, Capacitor Mount



FEATURES

- · High temperature vitreous coating
- Mounts directly onto the terminal studs of three popular sizes of capacitawece without additional leads or terminals.

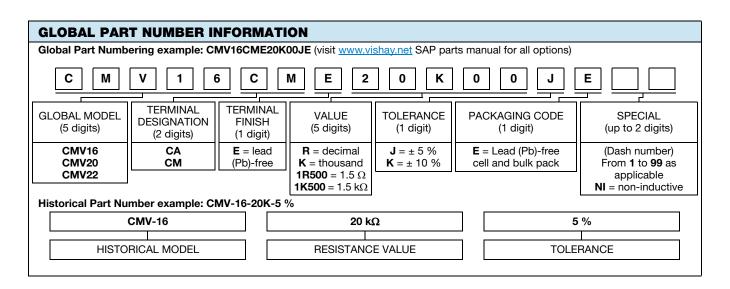


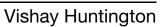
- Extra long terminals keep damaging heat away from the capacitor terminals
- ROHS COMPLIANT HALOGEN FREE

GREEN (5-2008)

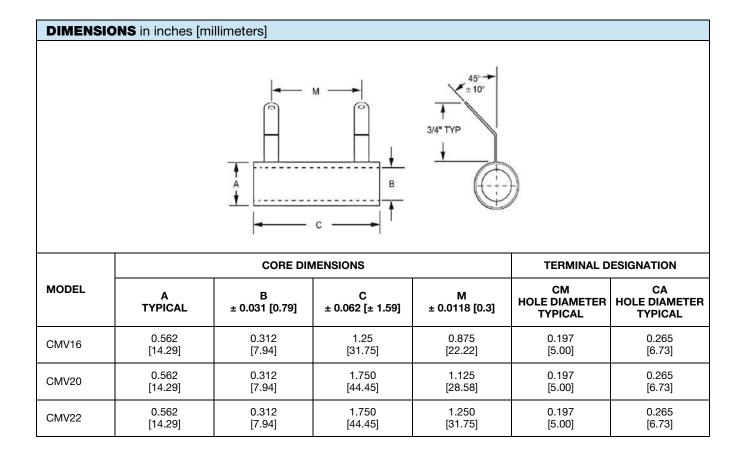
- Available in non-inductive style (special "NI") with Ayrton-Perry winding
- Material categorization: for definitions of compliance please see <u>www.vishay.com/doc?99912</u>

STANDARD ELECTRICAL SPECIFICATIONS							
GLOBAL MODEL	HISTORICAL MODEL	POWER RATING P _{25 °C} W	RESISTANCE RANGE Ω	TOLERANCE ± %	WEIGHT (typical) g		
CMV16	CMV-16	16	1.0 to 59K	5, 10	7.5		
CMV20	CMV-20	20	1.0 to 95K	5, 10	8.64		
CMV22	CMV-22	22	1.0 to 105K	5, 10	8.64		







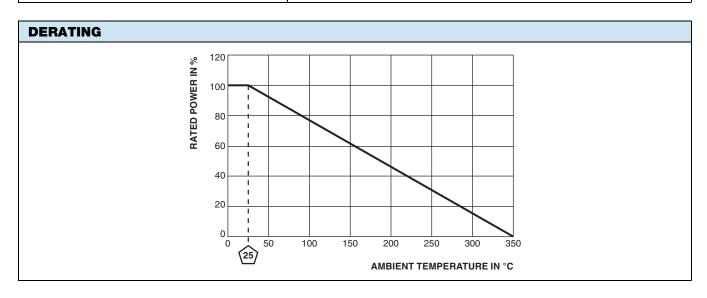




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TECHNICAL SPECIFICATIONS					
PARAMETER	UNIT	RESISTOR CHARACTERISTICS			
Power Rating	W	16 to 22			
Resistance Range	Ω	1 to 105k			
Resistance Tolerance	%	5			
Temperature Coefficient	ppm/°C	\pm 260 for 20 Ω and above, \pm 400 for 1 Ω to 19.99 Ω			
Operating Temperature	°C	-55 °C to 350 °C			
Temperature Rise	°C	325 °C above an ambient of 25 °C			
Maximum Altitude	f.a.s.l.	10 000			
Short-Term Overload	-	10x rated power for 5 s			
Surge Windings	-	Available			
Maximum Working Voltage	-	(P x R) ^{0.5}			
Insultation Resistance	Ω	1M			
Dielectric Voltage	V_{RMS}	1000 V _{AC}			
Creepage	-	Varies by wattage, see "Terminal Setback" in Dimensions table			
Terminal Sleeves	-	n/a			
Inductance	μH	Varies by wattage and resistance			
Non-Inductive Winding	-	Available			
Terminal Strength	lb	10 lbs			
Electrical or Mechanical Customization	-	Contact factory: ww2dresistors@vishay.com			

MATERIAL SPECIFICATIONS			
Element	Copper-nickel alloy or nickel-chrome alloy, depending on resistance value		
Core	Cordierite, steatite		
Coating	Special high temperature vitreous enamel		
Standard Terminals	Tinned alloy 42		
Optional Terminals	Alloy 42		
Terminal Bands	Alloy 42		
Part Marking	HEI, model, wattage, value, tolerance, date code		





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