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## Your Global Partner for Resistor Solutions



## OMEGA PRODUCTS PVT. LTD.

Manufacturer of  
Professional Grade Precision Resistors



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## Thin Film Resistors

Metal Film		Precision
Type	OMF	
Power	1/4W ~ 2W	
Resistance Range	1R ~ 10M	
Tolerance	±0.01% ~ 5%	
TCR	± 5, 10, 15, 25, 50 ppm/°C	

Metal Oxide		General Purpose
Type	OMO	
Power	1/2W ~ 15W	
Range	1R ~ 1M	
Tolerance	±1%, ±5%	
TCR	± 200 ~ 1200 ppm/°C	

Metal Glaze		General Purpose
Type	OMG	
Power	1/4W ~ 1/2W	
Resistance Range	100K ~ 100M	
Tolerance	±1%, ±5%	
TCR	± 350 ~ ppm/°C	

Miniature Metal Film		Miniature
Type	OMM	
Power	1/2W ~ 2W	
Resistance Range	1R ~ 10M	
Tolerance	±0.01% ~ 5%	
TCR	± 5, 10, 15, 25, 50 ppm/°C	

Miniature Metal Oxide		Miniature
Type	OOM	
Power	1W ~ 20W	
Resistance Range	1R ~ 1M	
Tolerance	±1%, ±5%	
TCR	± 200 ~ 1200 ppm/°C	

Capacitor Discharge		Custom Built
Type		
Power	As per	
Resistance Range	Requirement	
Tolerance		
TCR		

## Thick Film Resistors

High Voltage		
Type	OTFC, OTFS, OTFP	
Power	1W ~ 12.5W	
Resistance Range	1K ~ 1G	
Tolerance	±0.5% ~ ±1%	
TCR	±25, ±50, ±100 ppm/°C	

Non-Inductive		
Type	ONR	
Power	3W ~ 10W	
Resistance Range	1K ~ 1G	
Tolerance	±0.5% ~ ±1%	
TCR	±25, ±50, ±100 ppm/°C	

High Voltage Cylindrical General		
Type	OHVC, OHVS, OHVP	
Power	1W ~ 10W	
Resistance Range	50K ~ 10G	
Tolerance	±1% ~ ±20%	
TCR	±50, ±100 ppm/°C	

High Wattage		
Type	OHWC, OHWS	
Power	10W ~ 250W	
Resistance Range	10K ~ 1G	
Tolerance	±1% ~ ±10%	
TCR	±50, ±100 ppm/°C	

Discharge Resistor		
Type		
Power	As per requirement	
Resistance Range		
Tolerance		
TCR		

Fuel Gauge / Sensor		
Type		
Power	As per requirement	
Resistance Range		
Tolerance		
TCR		

Hybrid / Network Resistor		
Type	OHN	
Resistance Range	1K ~ 9M $\Omega$	
Tolerance Absolute	±0.1% ~ ±0.5%	
Tolerance Ratio	±0.05% ~ ±0.2%	
TCR	±25, ±50 ppm/°C	

High Voltage Divider		
Type	ODFC, ODFS, ODFP	
Power	1W ~ 12.5W	
Resistance Range	1K ~ 1G	
Tolerance	±0.5% ~ ±1%	
TCR	±25, ±50, ±100 ppm/°C	

Surface Mount		
Type	OSM	
Power	0.5W ~ 2W	
Resistance Range	100K ~ 1G	
Tolerance	±0.5% ~ ±1%	
TCR	±50, ±100 ppm/°C	

High Voltage Cylindrical Precision		
Type	OPHC, OPHS, OPHP	
Power	1W ~ 10W	
Resistance Range	50K ~ 10G	
Tolerance	±0.1% ~ ±1%	
TCR	±25, ±50, ±100 ppm/°C	

High Wattage Divider		
Type	ODCC, ODCCS	
Power	10W ~ 250W	
Resistance Range	10K ~ 1G	
Tolerance	±0.5% ~ ±10%	
TCR	±50, ±100 ppm/°C	

Inrush Resistor		
Type	OIR	
Power	1-2KW(1-3 Sec)	
Resistance Range	100R	
Tolerance	±5% ~ ±10%	
TCR	±100 ppm/°C	

Power Resistor (On Steel)		
Type	OPR	
Power	10 ~ 1KW	
Resistance Range	10R ~ 680R	
Tolerance	±10%	
TCR	150 ppm	

Custom Built Load Bank		
Type		
Power	As per requirement	
Resistance Range		
Tolerance		
TCR		

## Wire Wound Resistors

Ceramic Encased		General Purpose
Type	OCE, OCR, OCT, OCZ, OCH	
Power	2W ~ 20W	
Resistance Range	0.01R ~ 100K	
Tolerance	±1%, ±5%	
TCR	± 100 ~ 200 ppm/°C	

Silicon Coated Radial		General Purpose
Type	OSR	
Power	5W ~ 100W	
Resistance Range	0.01R ~ 50K	
Tolerance	±1%, ±5%, ±10%	
TCR	200 ppm/°C	

Aluminium Housed		General Purpose
Type	OAH	
Power	5W ~ 300W	
Resistance Range	0.01R ~ 100K	
Tolerance	±0.25% ~ 5%	
TCR	± 30 ~ 200 ppm/°C	

Ceramic Encased Divider		Custom Built
Type		
Power	As per	
Resistance Range	Requirement	
Tolerance		
TCR		

Silicon Coated Axial		General Purpose
Type	OSA	
Power	0.5W ~ 15W	
Resistance Range	0.01R ~ 100K	
Tolerance	±1%, ±5%	
TCR	± 100 ~ 200 ppm/°C	

High Power (fixed/variable/open frame)		General Purpose
Type	OHP, OSV	
Power	150W ~ 1000W	
Resistance Range	0.01R ~ 100K	
Tolerance	±1%, ±5%, ±10%	
TCR	200 ppm/°C	

Dynamic Braking		General Purpose
Type	ODBR	
Power	60W ~ 1KW	
Resistance Range	2R ~ 10K	
Tolerance	±5%	
TCR	± 200 ppm/°C	

Water Cooled (WCR)		Custom Built
Type		
Power	As per	
Resistance Range	Requirement	
Tolerance		
TCR		