

HEAVY DUTY WIRE WOUND RESISTANCE

(HIGH POWER /INDUCTIVE & NON-INDUCTIVE)

Applications:

- Automobile, D.C. /A.C. drives. control engineering, avionics, instrumentation, heavy industrial applications
- Power Switchgear/protection, Slip ring motor starting, nuclear, solid state physical application, X-ray,
- Power supplies Nuclear/power plant/heavy electrical and mechanical engineering, packaging,
- Special performance sensor actuators for linear/rotary motion control, generation//transmission/distribution.

Introduction:

MWWR series of silicon coated/viterous wire wound resistance are heavy duty power resistance using improved version of mangnin/eureka/other precision alloy ensuring better thermal stability over wide power range. These resistances are coated with special siloxane coating/ceramic coating to ensure high dielectric strength of wiring. In some cases these resistance may be offered coating withstanding higher temperature range. End terminal are either tin coated brass or copper metal. Tailor-made resistances are always encouraged.

Benefits:

- High flash temperature / Better temperature operating range.
- Easy installation, Non abrasive/ chemically compatible.
- Stable power dissipation over specified working ranging.
- High energy density/thermal stability/dielectric strength coating.
- Moisture resistance
- Vibration /shok resistance



VITEROUS COATED RESISTANCE



Water cooled resistance



SILICON COATED RESISTANCE



SILICON COATED RESISTANCE



SILICON COATED RESISTANCE

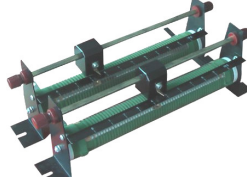
Electrical/Mechanical specifications:

Model	Power watt	Length m.m.	O.D. m.m.	I.D. m.m.	L _{total} m.m.	D _{lead} m.m.	L _{lead} m.m.	R _{min}	R _{max}
MWWR-120I	120	115	29	option	option	option	option	R10	4R0
MWWR-120NI	120	115	29	option	option	option	option	R10	4R0
MWWR-150I	150	140	29	option	option	option	option	R10	5R0
MWWR-150NI	150	140	29	option	option	option	option	R10	5R0
MWWR-200I	200	200	29	option	option	option	option	R10	7R0
MWWR-200NI	200	200	29	option	option	option	option	R10	7R0
MWWR-300I	300	250	40	option	option	option	option	R10	10R0
MWWR-300NI	300	250	40	option	option	option	option	R10	10R0
MWWR-400I	400	300	40	option	option	option	option	R10	10R0
MWWR-400NI	400	300	40	option	option	option	option	R10	10R0
MWWR-500I	500	300	40	option	option	option	option	R10	18R0
MWWR-500NI	500	300	40	option	option	option	option	R10	18R0
MWWR-1000I	1000	500	60	option	option	option	option	R10	20R0
MWWR-1000NI	1000	500	60	option	option	option	option	R10	20R0
MWWR-1300I	1300	650	65	option	option	option	option	R10	20R0
MWWR-1300NI	1300	650	65	option	option	option	option	R10	20R0

Dimensions are indicative and may exceed tolerance. These are available in 1%/3% and 5% tolerance range. Company offers electronic loading modules.



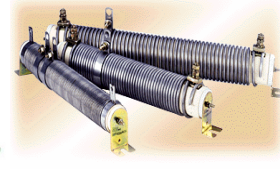
Silicon coated high power resistance



power Rheostate



Ultra-high power Rheostate



SILICON COATED VARIABLE SET POINT RESISTANCE

Company makes no warranty expressed or implied. concerning the use of this product and users shall assume all risk of use or handling whether or not in accordance with directions suggestion, or used singly or in combination with other product.

MOTORON SEMICONDUCTORS CORPORATION

11, Shri Nagar Colony, Shakti Nagar Extension, Delhi-110052 Tel: 91-011-23648181/23655454

motoronenergy@hotmail.com

HEAVY DUTY THICK FILM RESISTANCE

(HIGH VOLTAGE/NON-INDUCTIVE)

Applications:

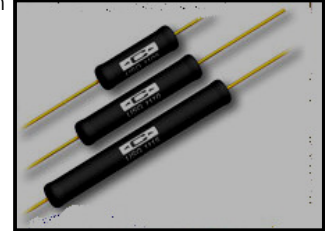
Automobile, avionics, plasma, heavy industrial applications, Power Switchgear/protection, Nuclear, solid state physical application, X-ray, power supplies, Nuclear/power plant, high voltage applications Special performance sensor actuators for linear/rotary motion control,generation//transmission/distribution.

Introduction:

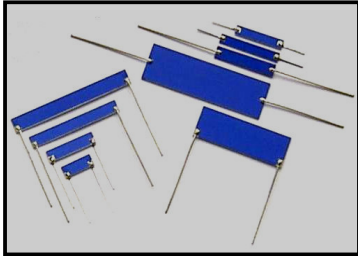
MCPR series of thick film resistance are heavy-duty power resistance using improved version of carbon/metal alloys ensuring better thermal stability over wide power range. These resistances are coated with special siloxane coating/ceramic coating to ensure high dielectric strength of wiring. In some cases these resistance may be offered coating withstanding higher temperature range. End terminal are either tin coated brass or copper metal. Tailor-made resistances are always encouraged.

Benefits:

- High flash temperature / Better temperature operating range.
- Easy installation, Non abrasive/ chemically compatible.
- Stable power dissipation over specified working ranging.
- High-energy density/thermal stability/dielectric strength coating.
- Moisture resistance/voltage range upto 200 K.V.
- Better thermal conductivity/superior aging effect



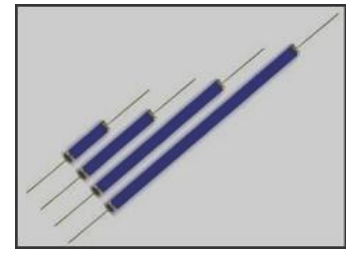
THICK FILM POWER RESISTANCE



PLANAR CARBON FILM RESISTANCE



HIGH POWER CARBON FILM RESISTANCE



HIGH POWER AXIAL LEAD CARBON FILM RESISTANCE

Electrical/Mechanical specifications:

Wattage: 2000 watts/Voltage range: 200 K.V.

Model	Power watt	Length m.m.	O.D. m.m.	I.D. m.m.	Ltotal m.m.	Dlead m.m.	Lead m.m.	Rmin	Rmax
MCPR-120I	120	115	29	option	option	option	option	R10	4R0
MCPR-120NI	120	115	29	option	option	option	option	R10	4R0
MCPR-150I	150	140	29	option	option	option	option	R10	5R0
MCPR-150NI	150	140	29	option	option	option	option	R10	5R0
MCPR-200I	200	200	29	option	option	option	option	R10	7R0
MCPR-200NI	200	200	29	option	option	option	option	R10	7R0
MCPR-300I	300	250	40	option	option	option	option	R10	10R0
MCPR-300NI	300	250	40	option	option	option	option	R10	10R0
MCPR-400I	400	300	40	option	option	option	option	R10	10R0
MCPR-400NI	400	300	40	option	option	option	option	R10	10R0
MCPR-500I	500	300	40	option	option	option	option	R10	18R0
MCPR-500NI	500	300	40	option	option	option	option	R10	18R0
MCPR-1000I	1000	500	60	option	option	option	option	R10	20R0
MCPR-1000NI	1000	500	60	option	option	option	option	R10	20R0

Dimensions are indicative and may exceed tolerance. These are available in 1%/3% and 5% tolerance range. Company offers electronic loading modules.

Company makes no warranty expressed or implied. concerning the use of this product and users shall assumes all risk of use or handling whether or not in accordance with directions suggestion, or used singly or in combination with other product.



Carbon thick film resistance

MOTORON SEMICONDUCTORS CORPORATION

11, Shri Nagar Colony, Shakti Nagar Extension, Delhi-110052 Tel: 91-011-23648181/23655454

motoronenergy@hotmail.com