

High Voltage Resistors

MHR Series

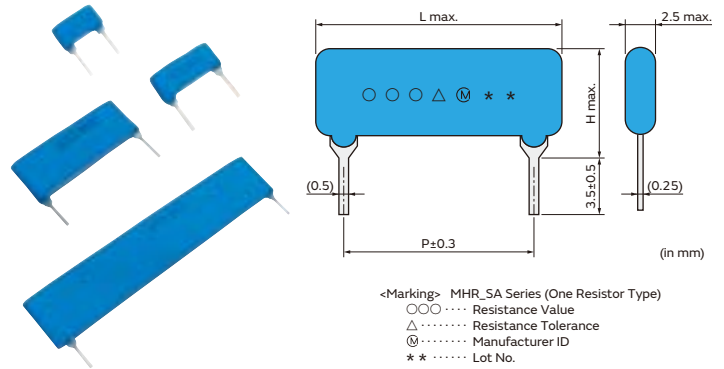
Features

1. Use of thick film resistance for high voltage
2. High resistance value and narrow resistance tolerance
3. Small & Thin SIP Type

Applications

1. Office machine
2. Consumer electronics / Beauty care equipment
3. Medical / Health care equipment
4. Measuring / Analytical equipment
5. Static elimination equipment

Exterior photograph / Dimensions MHR_SA Series (Bulk Type)



Part Numbering

High Voltage Resistors

(Part Number)

MHR	0309	S	A	107	F	70	T7
①	②	③	④	⑤	⑥	⑦	⑧

① Product ID

Product ID	
MHR	High Voltage Resistors

② Substrate size

Code	Substrate size
First Two Digits	Substrate Height Dimension
Last Two Digits	Substrate Lateral Dimension

③ Type

Code	Type
S	For High Voltage Power Supply
R	For pulse resistance (Less than 1 MΩ) *Customized

④ Number of Resistors

Code	Number of Resistors
A	1
B	2 *Customized

⑤ Resistance Value

Express as a three-digit number.
 The first two digits indicate significant digits and the last digit indicates the number of zeros that follow.
 The unit is ohm (Ω).

Ex.)

Code	Resistance Value
107	100MΩ

⑥ Resistance Tolerance

Code	Resistance Tolerance
D	±0.5%
F	±1%
G	±2%
J	±5%
K	±10%
M	±20%

⑦ Individual Specifications

Code	Individual Specifications
70	Single Use
20	Molded use

⑧ Packing Specifications

Code	Packing Specifications
T7	Taping Type *Customized
-	Bulk Type

High Voltage Resistors

MHR Series

Series Lineup (MHR_SA Series (Bulk type))

Part Number	Resistance Range (MΩ)		Maximum Rated Voltage (kV)		Rated Power (W)	P (mm)	L (mm)	H (mm)
	min.	max.	Single Use	Molded Use				
MHR0307SA○○○△□□	1	500	2	3	0.3	5.08	7.6	5.0
MHR0309SA○○○△□□	1	1,000	3.5	5	0.5	7.62	10.1	5.0
MHR0312SA○○○△□□	1	1,000	5	7.5	0.6	10.16	12.6	5.0
MHR0314SA○○○△□□	1	1,000	6	10	0.7	12.7	15.1	5.0
MHR0317SA○○○△□□	1	1,000	7	12	0.8	15.24	17.6	5.0
MHR0319SA○○○△□□	1	2,000	8	14	1.0	17.78	20.2	5.0
MHR0409SA○○○△□□	1	1,000	3.5	10	0.6	7.62	10.1	6.5
MHR0412SA○○○△□□	1	1,000	5	10	0.8	10.16	12.6	6.5
MHR0414SA○○○△□□	1	1,000	6	10	1.0	12.70	15.1	6.5
MHR0417SA○○○△□□	1	2,000	7	12	1.1	15.24	17.6	6.5
MHR0419SA○○○△□□	1	2,000	8	14	1.2	17.78	20.2	6.5
MHR0422SA○○○△□□	1	2,000	9	16	1.3	20.32	22.7	6.5
MHR0424SA○○○△□□	1	2,000	10	18	1.4	22.86	25.3	6.5
MHR0429SA○○○△□□	1	2,000	12	22	1.7	27.94	30.5	6.5
MHR0609SA○○○△□□	1	1,000	3.5	10	0.8	7.62	10.1	9.0
MHR0612SA○○○△□□	1	2,000	5	10	1.0	10.16	12.6	9.0
MHR0614SA○○○△□□	1	2,000	6	12	1.2	12.70	15.1	9.0
MHR0617SA○○○△□□	1	2,000	7	14	1.3	15.24	17.6	9.0
MHR0619SA○○○△□□	1	2,000	8	16	1.4	17.78	20.2	9.0
MHR0622SA○○○△□□	1	10,000	9	18	1.5	20.32	22.7	9.0
MHR0624SA○○○△□□	1	1,000	10	20	1.6	22.86	25.3	9.0
MHR0844SA○○○△□□	1	2,000	20	35	2.5	40.64	46.0	10.0

○○○ ... Resistance Value △ ... Resistance Tolerance □□ ... Individual Specifications

* Please contact us for custom products etc.