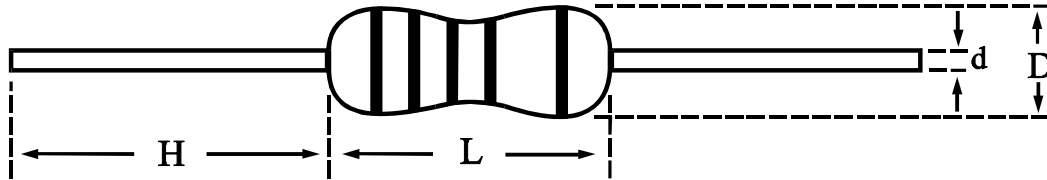


公司名稱 Company Name	品真電工股份有限公司 MAX-QUALITY ELECTRIC CO; LTD.
品名 Product Name	玻璃釉小型高壓電阻 <b>METAL GLAZED RESISTORS</b>

小型塗裝絕緣型 MEGOHM 固定抵抗器 (MG)

COAT-INSULATED MEGOHM FIXED RESISTORS (METAL GLAZED)



HIGH VOLTAGE SURGE RESISTORS

### 外型圖 DIMENSIONS

STYLE (Din Size)	DIMENSION(mm)			
	L	D	H	d
MG1/8W(0204)	3.3±0.5	1.8±0.3	28±2.0	0.45±0.03
MG1/4W (0207)	6.3±0.5	2.3±0.3	28±2.0	0.55±0.03
MG1/2WS (0207)	6.3±0.5	2.3±0.3	28±2.0	0.55±0.03
MG1/2WS(0309)	8.5±0.5	2.7±0.5	27±2.0	0.60±0.03
MG 1/2W (0410)	9.0±0.5	3.2±0.5	26±2.0	0.65±0.03
MG 1WS (0412)	9.0±0.5	4.0±0.5	26±2.0	0.65±0.03
MG 1W (0414)	11.5±1.0	4.0±0.5	35±2.0	0.78±0.03
MG 2WS (0416)	11.5±1.0	4.5±0.5	35±2.0	0.78±0.03
MG 2W (0516)	15.5±1.0	5.0±0.5	32±2.0	0.78±0.03
MG 3WS (0518)	15.5±1.0	5.0±0.5	32±2.0	0.78±0.03

### 定格 RATING

定格電力 POWER RATING	最高使用電壓 MAX. WORKING VOL	最高過負荷電壓 MAX. OVERLOAD VOL	耐電壓 Dielectric Withstanding VOL.		抵抗值範圍 RESISTAN CE RANGE	抵抗值許容度 RESISTANCE TOLERANCE	抵抗溫度係數 T.C.R	定格周圍溫度 RATING AMBIENT TEMP	使用溫度範圍 OPERATING TEMP.RANGE
			Silicone Risin	Epoxy Risin					
MG1/8W(0204)	DC500V	1000V	300V	400V	100K~100M	K (±10%) E12 J (±5%) E24 F (±1%) E24 > 1G(±10%)E12	±200PPM/°C ±100PPM/°C ±50PPM/°C	70°C	-55°C ~ +175°C RATING AMBIENT TEMP ±70°C
MG1/4W(0207)	DC1600V AC1150V	DC2000V AC1500V	400V	500V	100K-1G				
MG1/2WS(0207) MG1/2WS(0309)	DC1700V DC1800V	2500V	400V	500V	100K-1G				
MG1/2W(0410)	DC2000V	2500V	500V	700V	100K-1G				
MG1WS(0412)	DC2500V	3500V	500V	700V	100K-1G				
MG1W(0414)	DC3000V	4000V	500V	1000V	100K-1G				
MG2WS(0416)	DC3500V	4000V	500V	1000V	100K-1G				
MG2W(0516)	DC3500V	4000V	700V	1200V	100K-1G				
MG3WS(0518)	DC3500V	4000V	700V	1200V	100K-1G				

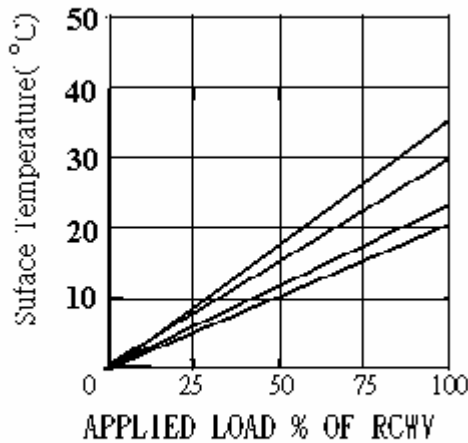
Value Range for standard resistance , below or over this resistance on request. The maximum number can be produced to 10G

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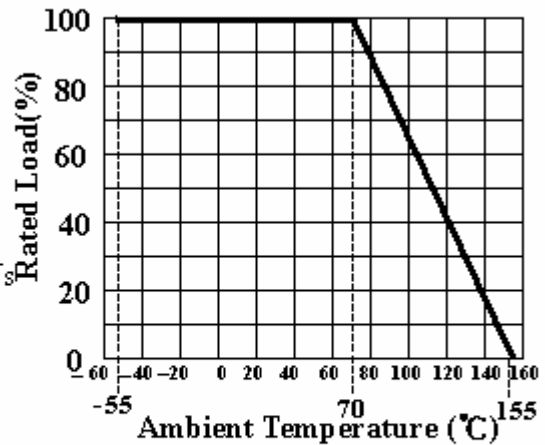
特性 PERFORMANCE SPECIFICATIONS

TEST ITEMS	Test Methods	SPECIFICATIONS
Short time overload	Rated Voltage X 2.5 or Max. overload Vol., whichever is lower, for 5sec.	± ( 1.0% + 0.05Ω )
Moisture resistance	40°C±2°C, 90%~95%RH,1000h 90 min 【ON】 30 min 【OFF】	± ( 5.0% + 0.05Ω )
Load life	1000hours at rated voltage, 70°C 90 min 【ON】 30 min 【OFF】	± ( 3.0% + 0.05Ω )
Insulation resistance	500±50V DC During 1 min V-Block method	±10,000MΩ Over
Dielectric withstanding voltage	In V-Block for 60 seconds	By Type
Resistance to soldering hest	260°C±5°C, 10s±1s or 350°C±10°C, 3.5s±0.5s	± ( 1.0% + 0.05Ω )
Temperature cycling		± ( 1.0% + 0.05Ω )
Terminal strength	Direct load for 10 sec. In the direction off the terminal leads.	Tensile: ≥2.5kg
Intermittent overload	4 times RCWV for10000cycles(1sec.on , 25secs.off)	±(1%+0.05Ω)

表面溫度上升曲線 surface temp.rise



POWER GRAPH



Appearance

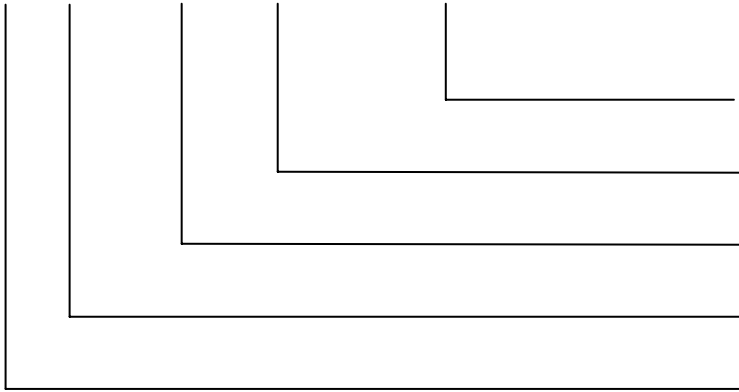
Silicone Risin ----- Brown----(Falme-Proof)

Epoxy Risin-----Light Blue

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● **PART NUMBER:**

MGS -1/4W - VALUE - J - FORMING TYPE



TB = BU / T/B / T/R / F / FC / FKK / M / MK / PANA-T or R

RES. TOLERANCE 5% / 1% = J / F

RESISTANCE 0R1 1R 10R 100R 1K 10K 100K 1M 10M

DIN SIZE , BODY SIZE

METAL GLAZED RESISTOR , SILICONE RISIN

MGE \_\_\_\_\_

METAL GLAZED RESISTOR , EPOXY RISIN