

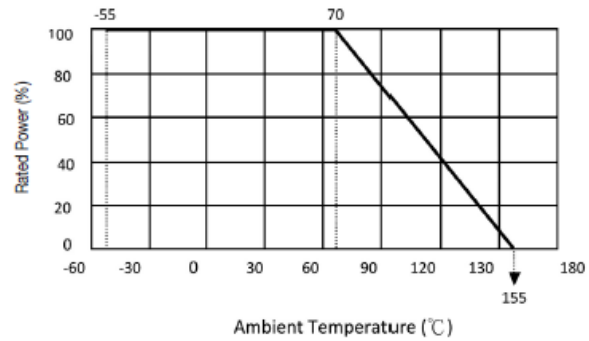
HIGH RESISTANCE RESISTOR

RR TYPE

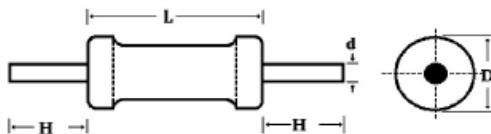
FEATURES

- Resistance value range : 100MΩ ~ 3GΩ
- Small temperature coefficient
- Long load life and long term stability

DERATING CURVE



DIMENSIONS



Unit : mm

TYPE	RATED POWER	L	D	H	d	TAPING	BOX (PCS)	BODY COLOR
RR-25	1/4W	6.0±0.5	2.4±0.5	28±3	0.60±0.1	52±2	2,500	BLUE
RR-50S	1/2W							
RR-50	1/2W	9.0±0.5	3.3±0.5	30±3	0.60±0.1	52±2	2,500	PINK
RR-100S	1W							
RR-100	1W	12±2.0	4.5±0.5	38±3	0.80±0.1	52±2	1,000	PINK
RR-200S	2W							
RR-200	2W	16±2.0	5.5±0.5	38±3	0.80±0.1	63±2	500	PINK
RR-300S	3W							

RATING

TYPE	RR-25	RR-50S	RR-50	RR-100S	RR-100	RR-200S	RR-200	RR-300S
RATED WATTAGE	1/4W	1/2W	1/2W	1W	1W	2W	2W	3W
MAXIMUM OPERATIONAL VOLTAGE	1,600V		3,500V		7,000V		10,000V	
DIELECTRIC WITHSTANDING VOLTAGE	700V							
RATED AMBIENT TEMPERATURE	70 °C							
OPERATING TEMPERATURE RANGE	-55°C ~ +155°C							
RESISTANCE TOLERANCE	J (±5%)							
RESISTANCE RANGE	100MΩ ~ 3GΩ							

ELECTRICAL CHARACTERISTICS

ITEM	LIMITS	TEST METHOD
TEMP. COEFFICIENT	±200ppm/°C	JIS C-5201-1 Room temperature +100°C
SHORT-TIME OVERLOAD	±(1%+0.05Ω)	JIS C-5201-1 Rated voltage×2.5 5seconds
ENDURANCE (UNDER DAMP AND LOAD)	±(5%+0.1Ω)	JIS C-5201-1 test temp. 40°C, relative humidity 90%~95%, RH 1000hours
ENDURANCE (RATED LOAD)	±(5%+0.1Ω)	JIS C-5201-1 Test temp. 70°C, RH 1000hours
RESISTANCE TO SOLDERING HEAT	±(1%+0.05Ω)	JIS C-5201-1 1) wave solder 260°C ±5°C 10 seconds 2) Solder Iron 350°C ±10°C 3.5 seconds