

**KURA**

ELECTRONICS &amp; ELECTRICALS

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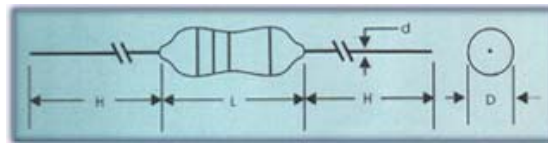
Product

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**PCB POWER RELAY, TELECOM RELAY , AUTOMOTIVE RELAY , GENERAL CONTROL REL  
CARBON FILM FIXED RESISTORS**• **FEATURES :**

- Quicker Dissipation of Heat.
- Lower Temperature Rise
- Tolerance available :  $\pm 5\%$ ,  $\pm 2\%$ ,  $\pm 1\%$
- Wattage available : 1/16W, 1/8W, 1/6W, 1/4W, 1/2W, 2W, 3W
- Variety of packaging - Bulk, Tape in Box

• **General Specification :**

Type	Power rating 70°C	Dimension (mm)				Maximum working voltage	Maximum overload voltage	Insulation Resistance to voltage	Resistance
		L	D	H	d				
CR - 12	1/16W 1/8W 1/6W	3.2±0.3	1.8±0.2	28±2	0.45±0.05	200V	400V	300V	Standard 0.5 Ohm - 10Meg, Ohm
CR-25S	1/4W	3.2±0.3	1.8±0.2	28±2	0.45±0.05	250V	500V	300V	Special Low to 0.1 ohm High to 22meg ohm
CR-25	1/4W	6.0±0.5	2.3±0.3	26±2	0.50±0.05	250V	500V	500V	
CR-50S	1/2W	6.0±0.5	2.3±0.3	26±2	0.50±0.05	350V	700V	500V	
CR-50	1/2W	9.5±0.5	3.2±0.5	26±2	0.58±0.05	350V	700V	700V	
CR-100S	1W	9.5±0.5	3.2±0.5	26±2	0.58±0.05	500V	1000V	700V	
CR-100	1W	11±1.0	4.5±0.5	33±3	0.80±0.05	500V	1000V	1000V	
CR-200S	2W	11±1.0	4.5±0.5	33±3	0.80±0.05	500V	1000V	1000V	
CR-200	2W	15±1.0	5.0±0.5	30±3	0.80±0.05	500V	1000V	1000V	
CR-300S	3W	15±1.0	5.0±0.5	30±3	0.80±0.05	500V	1000V	1000V	
CR-300	3W	17±1.0	6.0±0.5	35±3	0.80±0.05	500V	1000V	1000V	

• **Performance  
Specification :**

ITEM	CHARACTERISTICS	TEST METHOD (JISC 5202)
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Temp Range	-55~+155°C					...
Temp Coefficient (PPM/°C)	Item\TCR	+350~-450	0~-700	0~-1000	0~-1300	5.2
	CR-16	≤47K Ohm	51K Ohm ~ 1000 K Ohm	110K Ohm ~ 330K Ohm	≥ 360K Ohm	
	≥CR-25	≤100K Ohm	110K Ohm~ 1M Ohm	1.1M Ohm ~ 2.2M Ohm	≥2.4M Ohm	
Terminal Strength	Tensile 2.5Kg over 10 seconds					6.1
Resistance to solvents	NO mechanical damage, no change for character					MIL - STD-202E-215
Solderability	Over 95% covered					6.5
Dielectric Withstanding	No Mechanical damage					5.1A
Insulation Resistance	≥10000M Ohm					5.6A
Short-Time Overload	±(1%+0.05 Ohm)					5.5A
Resistance to soldering heat	±(1%+0.05 Ohm)					6.4 350°C 3sec
Moisture Resistance	Below 100K Ohm ±3% Above 100K Ohm±5%					7.9 1000 hrs
Rated Voltage Resistance	Below 100K Ohm±2% Above 100K Ohm±3%					7.1 1000 hrs

Designed by : MID Hosted by : PBD Promoted by : GID