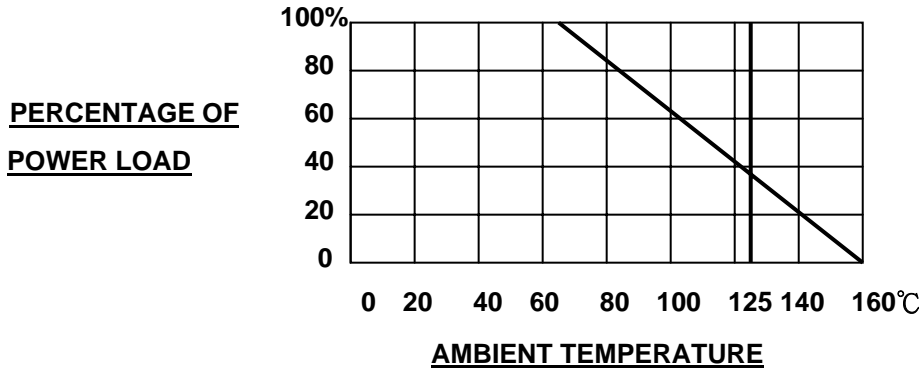




THICK FILM CHIP NETWORK RESISTOR (PROTROUDE ELECTRODE)

SPECIFICATIONS

The rated power means the allowed continuous and maximum power and voltage under the ambient temperature of 70°C.



PERFORMANCE CHARACTERISTICS

RATED POWER

TYPE	POWER RATING AT 70°C	MAX WORKING VOLTAGE	MAX OVERLOAD VOLTAGE	OPERATING TEMP. RANGE	RESISTANCE RANGE
CW0604	0.0625W	50V	100V	-55°C ~ +125°C	1Ω ~ 10MΩ
CW0605	0.0625W	25V	50V	-55°C ~ +125°C	33Ω ~ 100KΩ

(TABLE 1)

RATED VOLTAGE

Rated voltage means the equivalent of rated power to the DC or AC (commercial effective cycles) voltage. The result can be obtained from the rated resistance exceeds the figure in table 2. The maximum working voltage will apply.

$E = \sqrt{P \times R}$ where E: Rated Voltage (V), P: Power Rating (W), R: Resistance (Ohm)

ITEM	CHARACTERISTICS	MIL SPEC.
Operating Temp. Range	-55°C - 125 °C	-----
Temp. Coefficient	10Ω - 1 MΩ ±200 ppm/°C	STD-202F.304
Short Time Overload	±2% +0.05Ω	2.5 times of the rated voltage R-55342D.4.7.6
Resistance To Soldering Heat	±1% +0.05Ω	260°C 10 sec. R-55342D.4.7.7
Moisture Resistance	±2% +0.05Ω	40±2°C 90% RH STD-202F.106
Load Life	±2% +0.1Ω	70±2°C, 500±4 hours STD-202F.108A
Resistance To Solvent	No physical or electrical damage or deterioration on permanent marking	STD-202E.215
Pulse	±2% +0.05Ω	4 x rated volt, on-off 10,000 cycles R55342D.4.7.6
Solderability	Solder to cover over 95% ±1%+0.05Ω	230°C, 5 seconds STD-202F.208
High Temperature Exposure	±2% +0.1Ω	125°C±5°C 100 hours R-55342D.4.7.6

(TABLE 2)