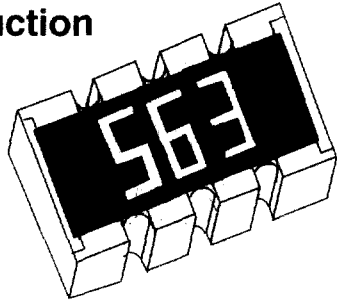


• Circuit Construction



YCN SERIES THICK FILM CHIP RESISTOR NETWORK

Applications

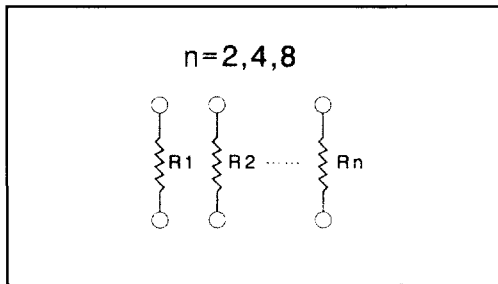
Telecommunication Equipment
Lap-Top and Note-Book Computer

Dimensions

(Unit:mm)

Type	Number of Resistors	A	B	C	D	E	F	G
YCN16	2	0.5 ± 0.15	1.6 ± 0.2	0.8 ± 0.05	1.6 ± 0.2	0.5 ± 0.1	0.3 ± 0.15	0.3 ± 0.15
	4		3.2 ± 0.2					
	8		6.4 ± 0.2					
YCN20	2	0.9 ± 0.15	2.54 ± 0.3	1.27 ± 0.05	2.0 ± 0.2	0.6 ± 0.1	0.4 ± 0.2	0.4 ± 0.15
	4		5.08 ± 0.3					
	8		10.16 ± 0.3					
YCN32	2	0.9 ± 0.15	2.54 ± 0.3	1.27 ± 0.05	3.2 ± 0.2	0.6 ± 0.1	0.5 ± 0.2	0.5 ± 0.15
	4		5.08 ± 0.3					
	8		10.16 ± 0.3					

Schematics



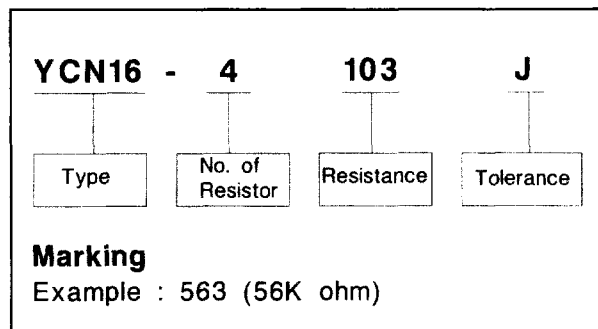
Characteristics

Item	YCN16	YCN20	YCN32
Power Rating	1/16W	1/10W	1/8W
Max Working Voltage	50V	100V	200V
Resistance Tolerance	±1%(F), ±2%(G), ±5%(J)		
Resistance Range	E-24 series(10 ohm-1M ohm)		
T. C. R.	±200ppm/°C		
Number of Resistors	2, 4, 8		
Operating Temp. Range	-55°C ~ 125°C		
Rating Temperature	+70°C		

Specifications

Requirements	Characteristics	Test Method
Short time Over-load	± 1%	Rated Voltage X 2.5, 5 seconds
Soldering Heat	± 1%	260 ± 5°C, 10 ± 1 seconds
Temperature Cycling	± 1%	125 °C(30min) → normal(15min), → -30 °C(30min) → normal(15min), 5cycles
Moisture Load-Life	± 2%	Rated Voltage, 40 ± 2°C, 90~95% RH, 1000 ⁺⁴⁸ ₋₀ Hrs.
Load-Life	± 2%	Rated Voltage, 70 ± 3°C, 1000 ⁺⁴⁸ ₋₀ Hrs.

Ordering Code And Marking



Packing

(Unit:pcs)

	Resistor Type	2R	4R	8R
		Tape & Reel	YCN16 YCN20 YCN32	5,000 5,000 2,000
Bulk Pack	All Types	1,000	1,000	1,000