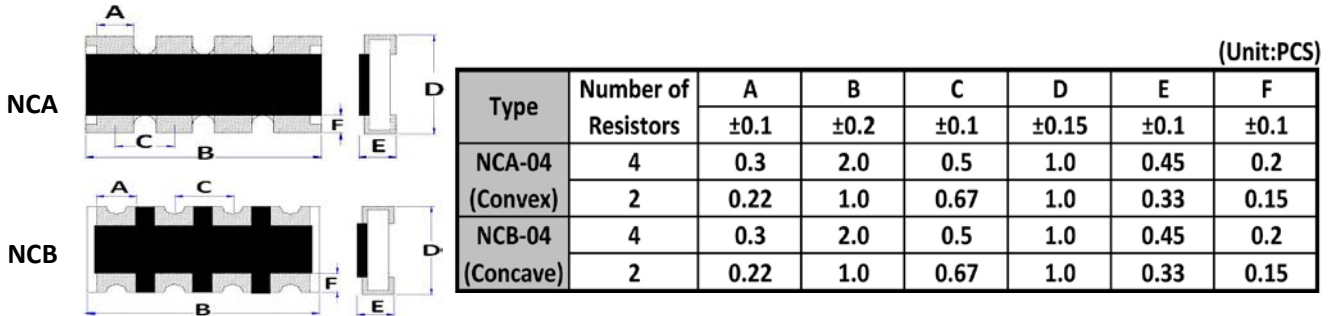


NCA 04-4, 04-2
NCB 04-4, 04-2
THICK FILM CHIP RESISTOR ARRAY
(CONVEX AND / CONCAVE TYPE)

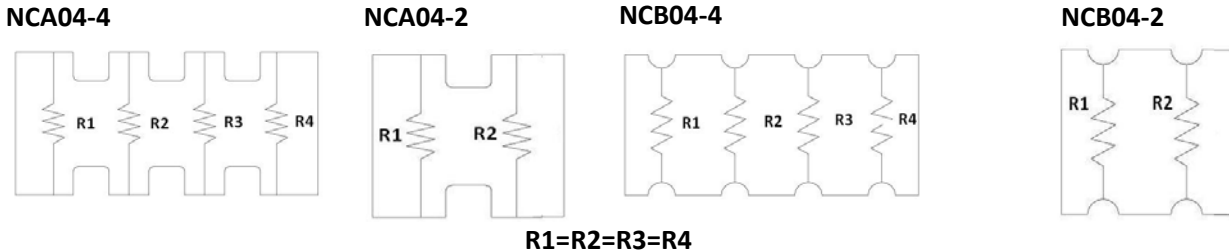
Applications

Telecommunication Equipment
 Lap-Top and Note-Book Computer

Dimensions



Internal Circuit



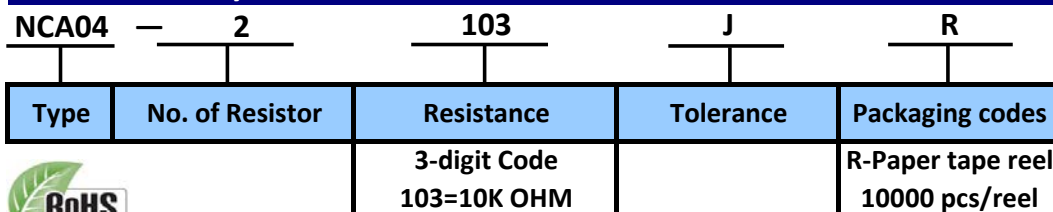
Characteristics

Item	NCA04-4	NCA04-2	NCB04-4	NCB04-2
Power Rating	1/16W		1/16W	
Max Working Voltage	25V		25V	
Resistance Tolerance	±5%(J),±1%(F)		±5%(J),±1%(F)	
Resistance Range	E-24 series (10 ohm~1M ohm)		E-24 series (10 ohm~1M ohm)	
T.C.R.	±200ppm/°C		±200ppm/°C	
Number of Resistors	4	2	4	2
Operating Temp. Range	-55°C~+125°C			
Rating Temperature	+70°C		+70°C	

Specifications

Requirements	Characteristics	Test Method
Short time Over-load	± (2% +0.05Ω)	50V or 2.5√ PxR whichever is lower
Soldering Heat	± (1% +0.05Ω)	260±5°C, 10 ± 1 seconds
Temperature Cycling	± (1% +0.05Ω)	-55°C(30min)/+125°C(30min) 5 Cycles
Moisture Load-life	± (2% +0.05Ω)	Rated Voltage, 40° ±2°C, 90~95%RH, 1000 ⁺⁴⁸ ₀ Hrs.
Load-life	± (3% +0.1Ω)	Rated Voltage, 70° ±3°C, 1000 ⁺⁴⁸ ₀ Hrs.

Parts Number System

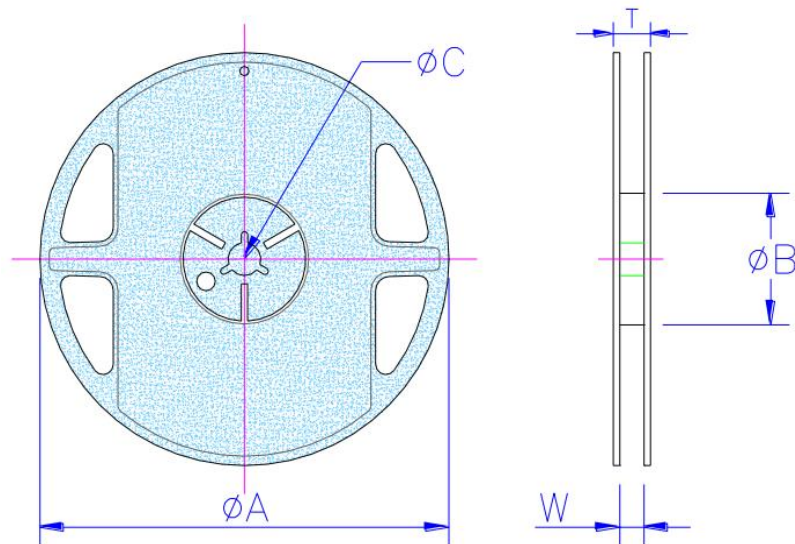


Packaging

Reel Specifications & Package Quantity

Unit: mm

Type	Packaging quantity	Tape width	Reel Diameter	ΦA	ΦC	ΦC	W	T	
NCA-04-4	Paper	10K	8mm	7 inch	178.5±1.5	60 ^{+1/-0}	13.0±0.2	9.0±0.5	12.5±0.5
NCA-04-2		20K	8mm	10 inch	254±1.0	100 ^{+1/-0}	13.0±0.2	9.5±0.5	13.5±0.5
NCB-04-4		40K	8mm	13 inch	330±1.0	100 ^{+1/-0}	13.0±0.2	9.5±0.5	13.5±0.5
NCB-04-2									
NCA16-4	Paper	5K	8mm	7 inch	178.5±1.5	60 ^{+1/-0}	13.0±0.2	9.0±0.5	12.5±0.5
NCA16-4		50K	8mm	10 inch	254±1.0	100 ^{+1/-0}	13.0±0.2	9.5±0.5	13.5±0.5
NCB16-4		20K	8mm	13 inch	330±1.0	100 ^{+1/-0}	13.0±0.2	9.5±0.5	13.5±0.5



Paper Tape Specifications

Unit: mm

Type	A	B	W	E	F	P ₀	P ₁	P ₂	ΦD_0	T
NCA-04	1.20±0.10	2.2±0.10	8.0±0.20	1.75±0.10	3.5±0.05	4.0±0.10	2.0±0.05	2.0±0.050	1.50+0.1,-0	0.70±0.10
NCB-04	1.20±0.10	2.2±0.10	8.0±0.20	1.75±0.10	3.5±0.05	4.0±0.10	2.0±0.05	2.0±0.050	1.50+0.1,-0	0.70±0.10
NCA16-4	1.95±0.10	3.5±0.10	8.0±0.20	1.75±0.10	3.5±0.05	4.0±0.10	4.0±0.05	2.0±0.050	1.50+0.1,-0	0.85±0.10
NCB16-4	1.95±0.10	3.5±0.10	8.0±0.20	1.75±0.10	3.5±0.05	4.0±0.10	4.0±0.05	2.0±0.050	1.50+0.1,-0	0.85±0.10

