KAMAYA OHM

No.:	RGC-K-HTS-0001 /13
Date:	2017. 4. 21

Data sheet

Title: FIXED THICK FILM CHIP RESISTORS; RECTANGULAR TYPE & PRECISION

Style: RGC1/32,1/20,1/16S,1/16,1/10,1/8

AEC-Q200 qualified (Without RGC1/32)

RoHS COMPLIANCE ITEM
Halogen and Antimony Free

Note: ・Stock conditions
Temperature: +5°C ~ +35°C
Relative humidity: 25% ~ 75%
The period of guarantee: Within 2 year from shipmen t by the company.
Solderability shall be satisfied.
・Product specification contained in this data sheet
are subject to change at any time without notice.
・If you have any questions or a Purchasing Specification for any quality
Agreement is necessary, please contact our sales staff.

釜屋電機株式會社
KAMAYA ELECTRIC CO., LTD.
Hokkaido Research Center
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Drawing by: M. Shibuya

1. Scope

1.1 This data sheet covers the detail requirements for fixed thick film chip resistors; rectangular type & precision, style of RGC1/32,1/20,1/16S,1/16,1/10,1/8.

1.2 Applicable documents

JIS C 5201–1: 2011, JIS C 5201–8: 2014, JIS C 5201–8–1: 2014
IEC60115–1: 2008, IEC60115–8: 2009, IEC60115–8–1: 2014
EIAJ RC–2134C–2010

2. Classification

Type designation shall be the following form.

(Example)

RGC	1/8	C	123	D	TP
1	2	3	4	5	6
Style					

1 Fixed thick film chip resistors; rectangular type & precision — Style
2 Rated dissipation and / or dimension
3 Temperature coefficient of resistance

K	$\pm 100 \times 10^{-6}$/ °C
C	$\pm 50 \times 10^{-6}$/ °C

4 Rated resistance

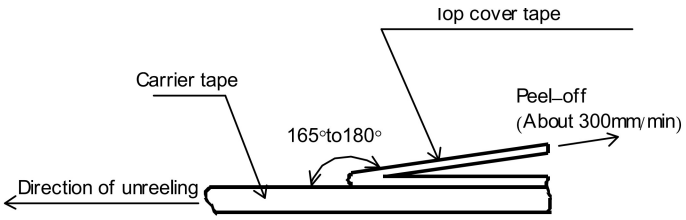
123	E24 Series, 3 digit, Ex. 123--> 12kΩ,
1000	E96 Series, 4 digit, Ex. 1000-->100Ω 1022--> 10.2kΩ

5 Tolerance on rated resistance

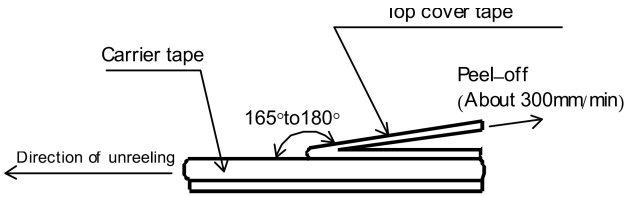
B	±0.1%
D	±0.5%
F	±1%

6 Packaging form

B	Bulk (loose package)
PA	Press pocket taping
TH	Paper taping
TP	



Figure–9

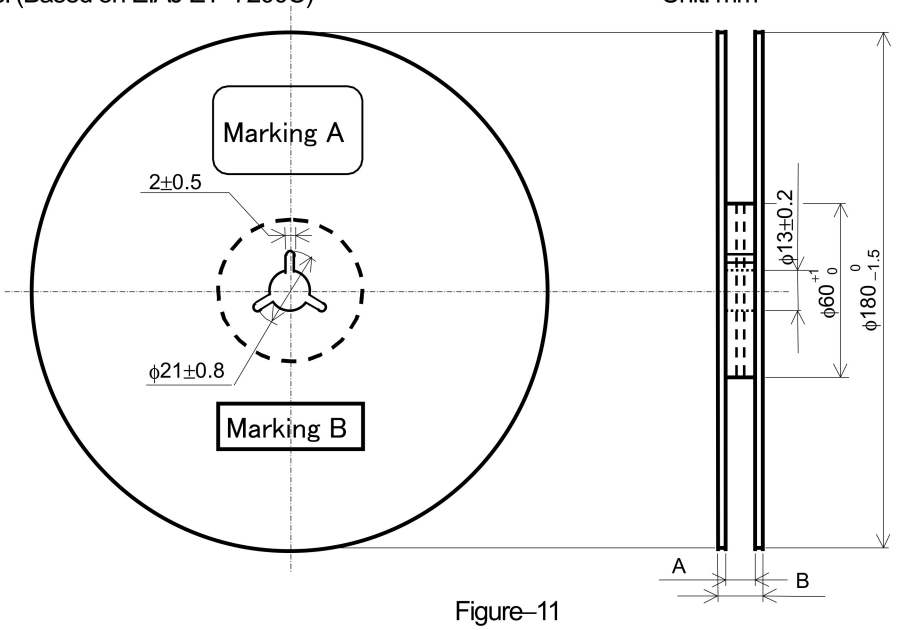


Figure–10

9.3 Reel dimension

Reel dimensions shall be in accordance with the following Figure–11 and Table–8.

Plastic reel (Based on EIAJ ET–7200C) Unit: mm



Figure–11

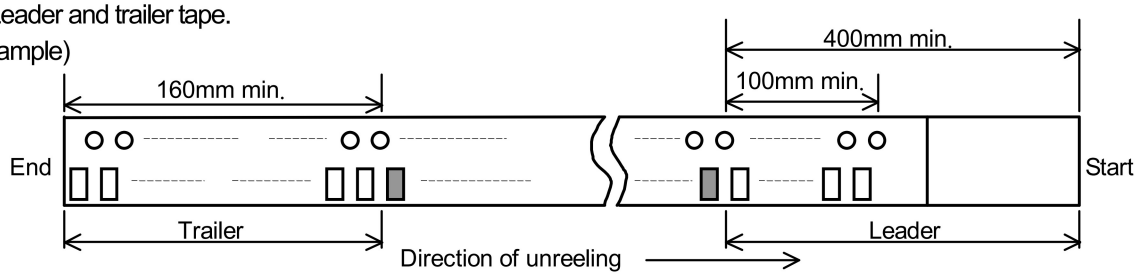
Table–8 Unit: mm

Style	A	B	Note
RGC1/32,1/20,1/16S,1/16,1/10,1/8	9 +1.0 0	11.4±1.0	Injection molding
		13±1.0	Vacuum forming

Note: Marking label shall be marked on a place of Marking A or two place of marking A and B.

9.4 Leader and trailer tape.

(Example)



Figure–12

10. Marking on package

The label of a minimum package shall be legibly marked with follows.

10.1 Marking A

(1) Classification

(Style, Temperature coefficient of resistance, Rated resistance, Tolerance on rated resistance, Packaging form)

(2) Quantity (3) Lot number (4) Manufacturer's name or trade mark (5) Others

10.2 Marking B (KAMAYA control label)