

Product Change Notice**(Tolerance range change and limited supply of 5% Tolerance)
Carbon Composition Resistor; RC1/2 and RC1/4**

First of all, thank you very much for your great support for Kamaya brand businesses. Kindly please be informed that we, Kamaya, would like to inform the following change of carbon composition resistor. It is really appreciated if you could understand that the purpose of this change is to continue the production of RC1/2 and RC1/4. Thank you very much for your kind understanding and cooperation.

1. Product**Carbon composition Resistor**

[Product]	[Resistance value range]	[Tolerance]
RC1/2 (0.50W)	100Kohm to 22Mohm	J (5%)
RC1/4 (0.25W)	100Kohm to 5.6Mohm	J (5%)

2. Details of change and reason (There is no change of Kamaya Part Number)**2-1. Details**

Status	Part number	Resistance value range	Available tolerance and series	Remarks
Change	RC1/2	100kΩ to 22MΩ	K(+/-10%) E12 series M(+/-20%) E6 series	Tolerance J(+/-5%) deleted from 2019 Catalog
Change	RC1/4	100kΩ to 5.6MΩ	K(+/-10%) E12 series M(+/-20%) E6 series	Tolerance J(+/-5%) deleted from 2019 Catalog
Change	RC1/2	1Ω to 91kΩ	K(+/-10%) E12 series M(+/-20%) E6 series	Tolerance J(+/-5%) EOL as of 09/30/2021
Change	RC1/4	1Ω to 91kΩ	K(+/-10%) E12 series M(+/-20%) E6 series	Tolerance J(+/-5%) EOL as of 09/30/2021

2-2. Reason of change

- 1) Current situation is, the aging production equipment and human resource shortage due to Covid19.
- 2) To continue production of carbon composition resistors by wider tolerance, 10% or 20% and to maintain the shipping qty to the market.
- 3) For 5% tolerance there is a lot of product waste due to the very low production yield.

3. Effective date

Effective from: October 1st, 2021 New PO placement.

(Note.1): Kamaya Sales PIC contact all of customers and explain the limited supply of 5% tolerance until the tolerance is changed to 10% or 20%. Final 5% tolerance orders to be need submitted prior to September 30th.

(Note. 2): RC 1/2 & RC 1/4 last time buy order up to 50K pcs/per size at 24wk Production LT not to exceed 100K pcs. Qty over 50K pcs will be more than 40wk Production LT. (Expected delivery will be confirmed by sales PIC for you).

Thank you very much.



Kenichi Imai
General Manager
Sales department
Kamaya Electric Co., Ltd.