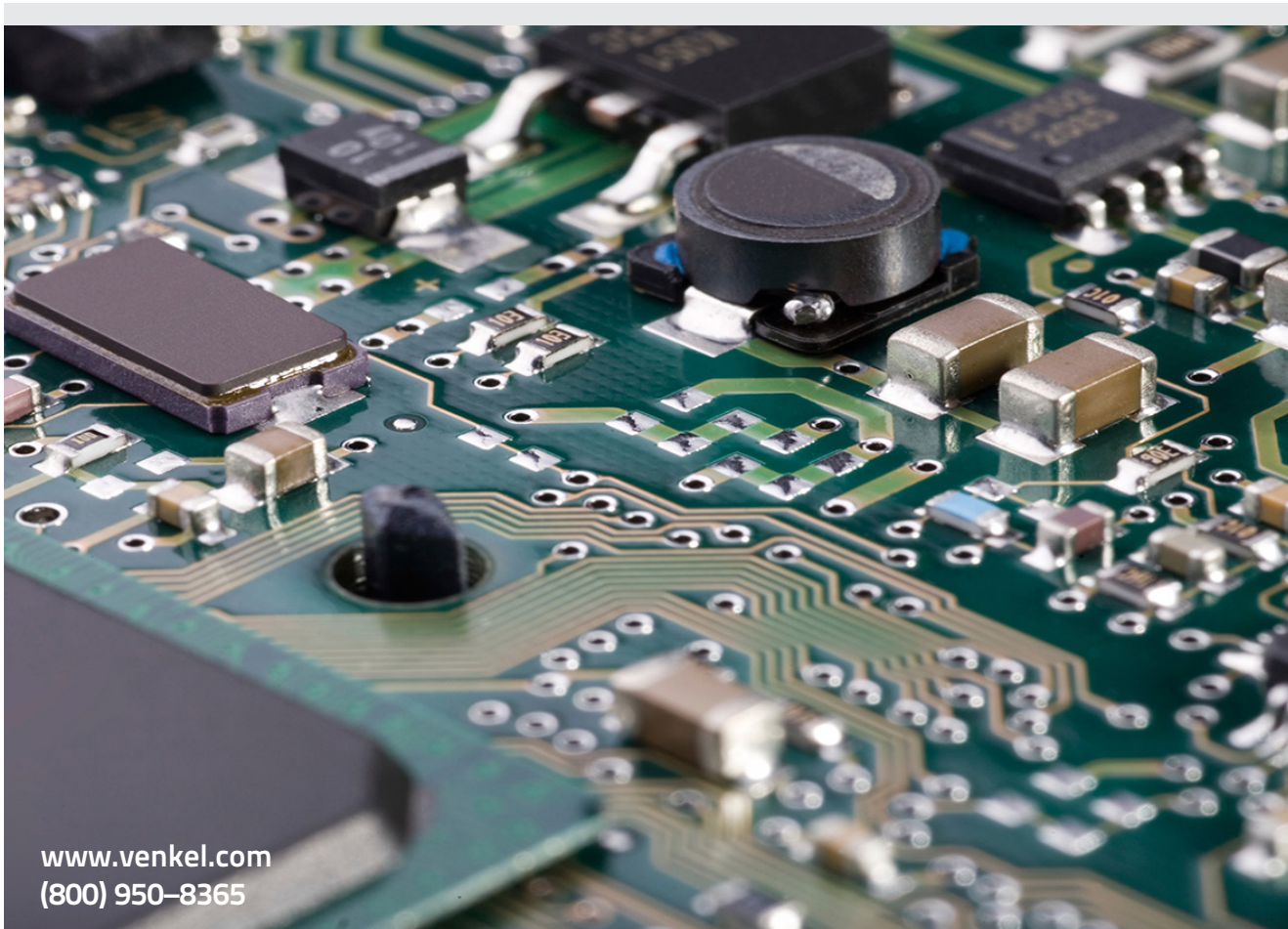
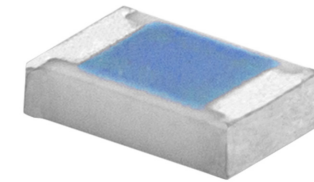


# GENERAL PURPOSE ROHS 6/6 GREEN RESISTORS



## CRG SERIES

General Purpose RoHS 6/6 Green Resistors are used in a wide variety of applications throughout the electronic industry that require full 6/6 RoHS compliance without taking any exemptions. These resistors utilize different materials that eliminate the use of Lead or Lead oxide contained within the resistor. Since they have the same Fit, Form and Function, they offer a great alternative for those needing full RoHS 6/6 compliance in a general purpose thick film resistor.

### PRODUCT CROSSES TO:

**Manufacturer**  
NIC Components  
Vishay Droloric

**Series/Description**  
NRCL  
RCG

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Manufacturer	Series/Description	Pg#
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**NOTE:** Venkel Ltd. does not warrant the accuracy of this information. All information is subject to change.

## NIC COMPONENTS

NIC COMPONENTS PART NUMBER: NRCL10J1002TR10E CROSSES TO VENKEL PART NUMBER: CRG0805-R-1002FT

### RCG080510K0FKEA Part Number Structure

NRCL	10	J	1002	TR	10	F
<b>SERIES</b>	<b>SIZE/POWER:</b> 02 = 0201 (1/20W) 04 = 0402 (1/16W) 06 = 0603 (1/10W) 10 = 0805 (1/10W) 12 = 1206 (1/4W) 25 = 1210 (1/3W)	<b>TOLERANCE:</b> F = ±1% J = ±5%	<b>RESISTANCE:</b> 5% Values, first two digits are significant, 3rd digit is multiplier. 'R' is decimal.  1% Values. First three digits are significant, 3rd digit is multiplier. 'R' is decimal.	<b>PACKAGING:</b> TR = Tape and Reel	<b>OPTIONAL REEL QTY:</b> 7 = 7 inch reel dia. 10 = 10 inch reel dia. 13 = 13 inch reel dia.	<b>ROHS COMPLIANT</b>

### Venkel Part Number Structure

CRG	0805	- R	-	1002	F	T	
<b>SERIES:</b>	<b>SIZE:</b> 0201 0402 0603 0805 1206 1210	<b>POWER RATING:</b> N = 1/20W (0.05W) P = 1/16W (0.063W) Q = 1/10W (0.10W) R = 1/8W (0.125W) T = 1/4W (0.25W) V = 1/3W (0.33W)		<b>RESISTANCE:</b> 5% values, first two digits are significant, 3rd digit is multiplier. 'R' is decimal.  1% values, first three digits are significant, 3rd digit is multiplier. 'R' is decimal.	<b>TOLERANCE:</b> D = ±0.5% F = ±1% J = ±5%	<b>PACKAGING:</b> T = Tape and Reel	<b>OPTIONAL REEL IDENTIFIER:</b> Leave blank if standard reel size. Add '-13' if 13" diameter reel is required

## VISHAY DROLORIC

VISHAY DROLORIC PART NUMBER: RCG080510K0FKEA CROSSES TO VENKEL PART NUMBER: CRG0805-R-1002FT

### RCG080510K0FKEA Part Number Structure

RCG0805	0805	10K0	F	K	EA
<b>SERIES:</b>	<b>SIZE:</b>	<b>RESISTANCE:</b>	<b>TOLERANCE:</b>	<b>TCR:</b>	<b>PACKAGING:</b>
	0402 0603 0805 1206	R = Decimal K = Thousand M = Million 0000 = Zero ohm Jumper	F = 1% J = 5% Z = Jumper	K = ±100ppm L = ±150ppm N = ±200ppm O = Jumper	EA = 5,000 on reel, 4mm pitch EI = 5,000 on reel, 2mm pitch ED = 10,000 on reel, 2mm pitch EE = 50,000 on reel, 2mm pitch EL = 20,000 on reel, 2mm pitch EB = 10,000 on reel, 4mm pitch EC = 20,000 on reel, 4mm pitch

### Venkel Part Number Structure

CRG	0805	- R	-	1002	F	T
<b>SERIES:</b>	<b>SIZE:</b>	<b>POWER RATING:</b>	<b>RESISTANCE:</b>	<b>TOLERANCE:</b>	<b>PACKAGING:</b>	<b>OPTIONAL REEL IDENTIFIER:</b>
	0201 0402 0603 0805 1206 1210	N = 1/20W (0.05W) P = 1/16W (0.063W) Q = 1/10W (0.10W) R = 1/8W (0.125W) T = 1/4W (0.25W) V = 1/3W (0.33W)	5% values, first two digits are significant, 3rd digit is multiplier. 'R' is decimal.  1% values, first three digits are significant, 3rd digit is multiplier. 'R' is decimal.	D = ±0.5% F = ±1% J = ±5%	T = Tape and Reel	Leave blank if standard reel size. Add '-13' if 13" diameter reel is required

## WHY VENKEL?

### Competitive Pricing and Delivery

- Buy direct from us
- Extensive inventory
- Competitive lead times
- Same day shipments up to 4pm CST

### Supply Chain Services

- Full suite of Supply Chain programs
- Ecommerce solutions
- BOM scrubbing, barcoding and more

### Engineering Support

- In-house Engineering Team
- FREE kits and samples
- Engineering newsletter
- Comprehensive parts database
- Contact via live chat, phone or email
- RoHS, REACH, Conflict

### Dedicated Account Team

- Account Manager (Inside Sales)
- Regional Account Manager (Outside Sales)\*
- Customer Service
- Supply Chain Services\*\*

### Prototype to Production Support

- Flexible quantities supported: prototype, small runs, and high volume production
- Cut tape: as few as 50 pcs on tape
- Partial reels: according to your exact quantity requirements

### Next Steps

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\*If a Regional Account Manager is assigned to your territory

\*\*If enrolled in a Supply Chain Program