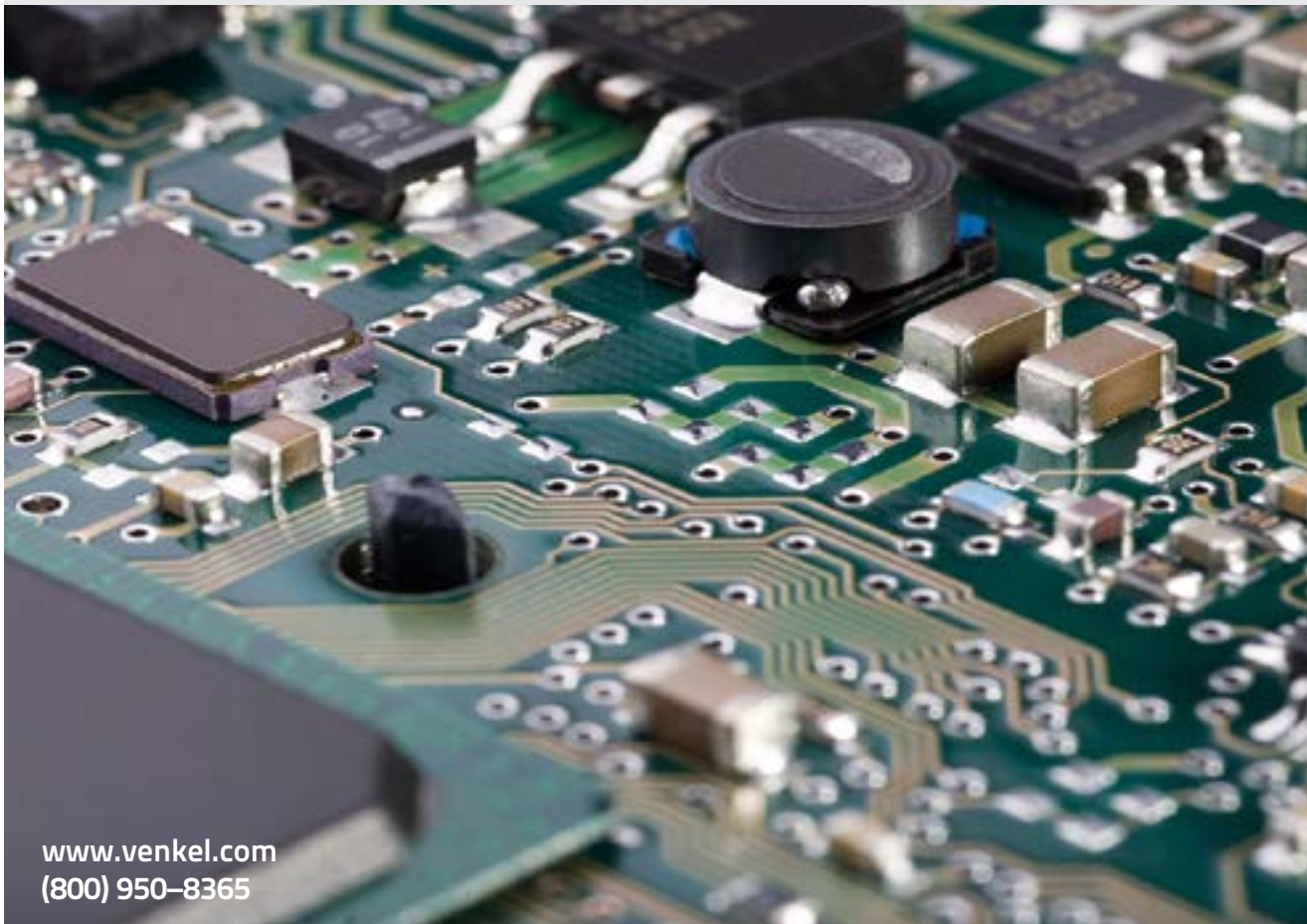




VENKEL LTD.

HIGH POWER RESISTORS



HPCR SERIES

Venkel's High Power chip resistors are general purpose resistors used in a variety of applications where higher power dissipation is needed. These resistors offer substantially higher power ratings than industry standards in the same case size so greater amounts of power can be dissipated through the resistor. This is accomplished by utilizing different resistive materials and patterns with better thermal properties as well as modified construction and processing techniques. These resistors are well suited for applications where they are subjected to greater amounts of current. They also may be used in applications where greater margin or de-rating is needed or in environmental conditions where the resistors are exposed to higher operating temperatures.

PRODUCT CROSSES TO:

Manufacturer	Series/Description
NIC Components	NRCL
Vishay Droloric	RCG
NIC	NRCW

www.venkel.com
(800) 950-8365

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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.

STACKPOLE ELECTRONICS

STACKPOLE ELECTRONICS PART NUMBER: RMCP1206JT103 CROSSES TO VENKEL PART NUMBER: HPCR1206-W-103JT

RCG080510K0FKEA Part Number Structure

NRCL	10	J	1002	TR	10	F
SERIES	SIZE/POWER: 02 = 0201 (1/20W) 04 = 0402 (1/16W) 06 = 0603 (1/10W) 10 = 0805 (1/10W) 12 = 1206 (1/4W) 25 = 1210 (1/3W)	TOLERANCE: F = ±1% J = ±5%	RESISTANCE: 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.	PACKAGING: TR = Tape and Reel	OPTIONAL REEL QTY: 7 = 7 inch reel dia. 10 = 10 inch reel dia. 13 = 13 inch reel dia.	ROHS COMPLIANT

Venkel Part Number Structure

HPCR	1206	-	W	-	103	J	T
SERIES:	SIZE: 0402 0603 0805 1206 1210	POWER RATING: R = 1/8W (0.125W) T = 1/4W (0.25W) U = 1/3W (0.33W) V = 1/3W (0.33W) W = 3/4W (0.75W)	RESISTANCE: 3 Digit (J tol) 2R2 = 2.2Ω 103 = 10KΩ 4 Digit (F tol) 10R2 = 10.2Ω 1002 = 10KΩ	TOLERANCE: F = ±1% J = ±5%	PACKAGING: T = Tape and Reel		

BOURNS

BOURNS PART NUMBER: CRM1206-JX103ELT CROSSES TO VENKEL PART NUMBER: HPCR1206-W-103JT

RCG080510K0FKEA Part Number Structure

CRM 1206 - J X 103 E LT

SERIES:	SIZE:	TOLERANCE:	TCR:	RESISTANCE:	PACKAGING:	TERMINATION:
	0805 1206	F = ±1% J = ±5%	W = ±200ppm Z = ±150ppm X = ±100ppm	3 Digit (J tol) 2R2 = 2.2Ω 103 = 10KΩ 4 Digit (F tol) 10R2 = 10.2Ω 1002 = 10KΩ	E = 5,000 pieces on 180mm (7 inch) reel CRM0805 CRM1206	LF = Tin-plated (RoHS Compliant)

Venkel Part Number Structure

HPCR 1206 - W - 103 J T

SERIES:	SIZE:	POWER RATING:	RESISTANCE:	TOLERANCE:	PACKAGING:
	0402 0603 0805 1206 1210	R = 1/8W (0.125W) T = 1/4W (0.25W) U = 1/3W (0.33W) V = 1/3W (0.33W) W = 3/4W (0.75W)	3 Digit (J tol) 2R2 = 2.2Ω 103 = 10KΩ 4 Digit (F tol) 10R2 = 10.2Ω 1002 = 10KΩ	F = ±1% J = ±5%	T = Tape and Reel

NIC

NIC PART NUMBER: NRCW12J103TR10F CROSSES TO VENKEL PART NUMBER: HPCR1206-W-103JT

RCG080510K0FKEA Part Number Structure

NRCW	12	J	103	TR	10	F
SERIES	SIZE CODE:	TOLERANCE:	RESISTANCE:	PACKAGING:	OPT. REEL QTY:	ROHS COMPLIANT:
	06 = 0603 10 = 0805 12 = 1206	F = ±1% J = ±5%	3 Digit (J tol) 2R2 = 2.2Ω 103 = 10KΩ 4 Digit (F tol) 10R2 = 10.2Ω 1002 = 10KΩ	TR = Tape and Reel	10 = 10K 20 = 20K	

Venkel Part Number Structure

HPCR	1206	-	W	-	103	J	T
SERIES:	SIZE:	POWER RATING:	RESISTANCE:	TOLERANCE:	PACKAGING:		
	0402 0603 0805 1206 1210	R = 1/8W (0.125W) T = 1/4W (0.25W) U = 1/3W (0.33W) V = 1/3W (0.33W) W = 3/4W (0.75W)	3 Digit (J tol) 2R2 = 2.2Ω 103 = 10KΩ 4 Digit (F tol) 10R2 = 10.2Ω 1002 = 10KΩ	F = ±1% J = ±5%	T = Tape and Reel		



VENKEL LTD.

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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[Learn More](#)

*If a Regional Account Manager is assigned to your territory

**If enrolled in a Supply Chain Program