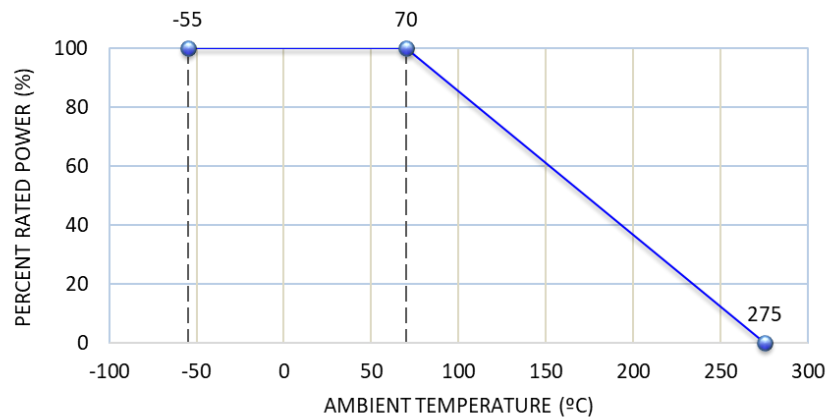


Performance Characteristics

Test	Test Results
Moisture Resistance	± 5%
Thermal Shock	± 2%
Load Life @ 70°C - 1000 hours	± 5%
Resistance to Soldering Heat	± 2%
Short Time Overload - 5 X Pn for 5 seconds	± 2%
Dielectric Withstanding Voltage	± 2%

Operating Temperature Range: -55°C to +275°C

Power Derating Curve:



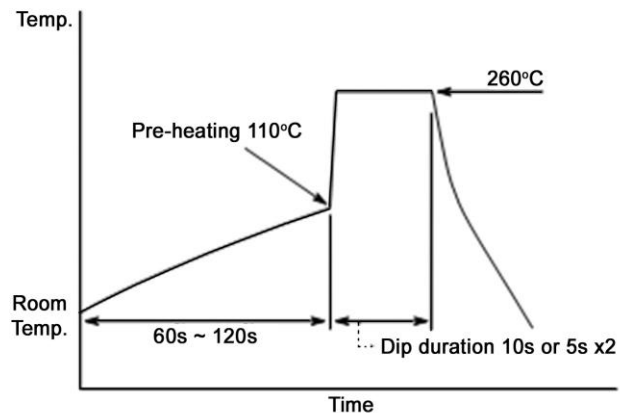
Recommended Soldering Condition

Flow Soldering:

- Pre-heating: 110°C MAX
- Peak temperature/duration: 260°C within 10 seconds (1st, 2nd wave total)
- Temperature profile (see chart on the right)

Iron Soldering:

- 380°C, 5 seconds, once/terminal



RoHS Compliance

Stackpole Electronics has joined the worldwide effort to reduce the amount of lead in electronic components and to meet the various regulatory requirements now prevalent, such as the European Union's directive regarding "Restrictions on Hazardous Substances" (RoHS 3). As part of this ongoing program, we periodically update this document with the status regarding the availability of our compliant components. All our standard part numbers are compliant to EU Directive 2011/65/EU of the European Parliament as amended by Directive (EU) 2015/863/EU as regards the list of restricted substances.

RoHS Compliance Status						
Standard Product Series	Description	Package / Termination Type	Standard Series RoHS Compliant	Lead-Free Termination Composition	Lead-Free Mfg. Effective Date (Std Product Series)	Lead-Free Effective Date Code (YY/WW)
WCB	Welded Ceramic Housed Axial Leaded Wirewound Resistor (Standard)	Axial	Yes	100% Matte Sn	Jan-06	06/01
WCBF	Welded Ceramic Housed Axial Leaded Wirewound Resistor (with Standoff)	Axial	Yes	100% Matte Sn	Always	Always
NCB	Welded Ceramic Housed Axial Leaded Wirewound Resistor (Non-inductive)	Axial	Yes	100% Matte Sn	Jan-06	06/01

"Conflict Metals" Commitment

We at Stackpole Electronics, Inc. are joined with our industry in opposing the use of metals mined in the "conflict region" of the Eastern Democratic Republic of the Congo (DRC) in our products. Recognizing that the supply chain for metals used in the electronics industry is very complex, we work closely with our own suppliers to verify to the extent possible that the materials and products we supply do not contain metals sourced from this conflict region. As such, we are in compliance with the requirements of Dodd-Frank Act regarding Conflict Minerals.

Compliance to "REACH"

We certify that all passive components supplied by Stackpole Electronics, Inc. are SVHC (Substances of Very High Concern) free and compliant with the requirements of EU Directive 1907/2006/EC, "The Registration, Evaluation, Authorization and Restriction of Chemicals", otherwise referred to as REACH. Contact us for complete list of REACH Substance Candidate List.

Environmental Policy

It is the policy of Stackpole Electronics, Inc. (SEI) to protect the environment in all localities in which we operate. We continually strive to improve our effect on the environment. We observe all applicable laws and regulations regarding the protection of our environment and all requests related to the environment to which we have agreed. We are committed to the prevention of all forms of pollution.

How to Order

W C B 5 J B 1 0 0 R									
Product Series		Power Rating		Tolerance		Packaging			Resistance Value
WCB	Standard	Code	(W)	Code	Tol	Code	Description	Size	Quantity
WCBF	With standoff	5	5	D	0.5%	B	Bulk	5	500
NCB	Non-inductive	7	7	F	1%			7, 10	250
		10	10	J	5%			15	200
		15	15					20	200
		20	20					25	200
		25	25						
									Four characters with the multiplier used as the decimal holder.
									0.1 ohm = R100
									33 ohm = 33R0
									3.32 Kohm = 3K32