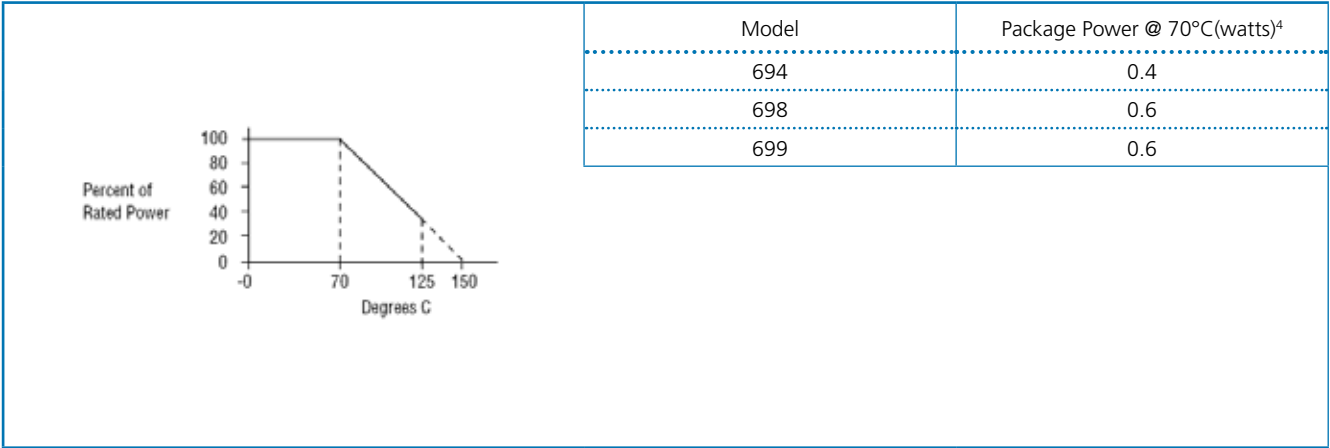


Package Power And Derating Curve



Environmental (Mil-R-83401)

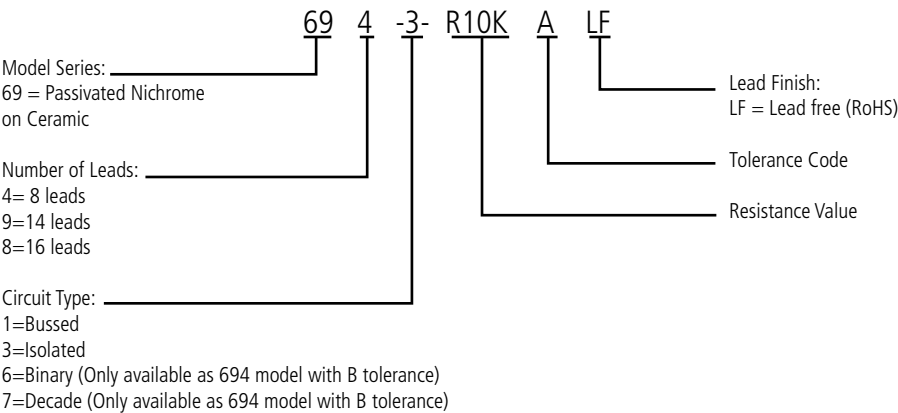
Thermal Shock plus Power Conditioning	ΔR 0.25%
Short Time Overload	ΔR 0.1%
Terminal Strength	ΔR 0.1%
Moisture Resistance	ΔR 0.2%
Mechanical Shock	ΔR 0.25%
Vibration	ΔR 0.25%
Low Temperature Operation	ΔR 0.1%
High Temperature Exposure	ΔR 0.1%
Load Life, 1,000 Hours	ΔR 0.1%
Resistance to Solder Heat	ΔR 0.1%
Dielectric Withstanding Voltage	200V for 1 minute
Marking Permanency	MIL-STD-202, Method 215
Lead Solderability	MIL-STD-202, Method 208
Flammability	UL-94V-0 Rated
Storage Temperature Range	-65°C to +125°C

Mechanical

Lead Plating	100 matte Tin (RoHS)
Lead Material	Copper Alloy
Lead Configuration	Thru hole
Substrate Material	Alumina
Resistor Material	Passivated Nichrome
Body Material	Molded Epoxy

4 Maximum power per resistor @ 70°C is 100 mW, not to exceed package power

Ordering Information⁵



Resistance Code⁵

Standard values follow E96 table. Character “K” denotes a multiplier of 1000.

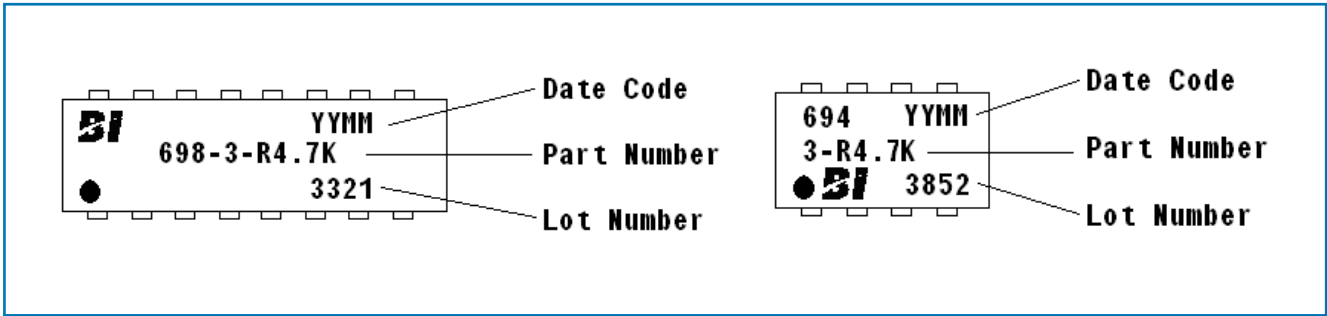
Resistance Tolerance Code

Accuracy Code at 25°C	A	B	D	F
Absolute Resistance Tolerances (%)	± 0.1	± 0.1	± 0.5	± 1.0
Ratio Tolerances (R1 Ref) (%)	± 0.05	± 0.1	± 0.1	± 0.5

Packaging Options (Unit Count/Tube)

Model + Pin count	
694	100
699	50
698	50

Typical Marking



⁵ Consult customer service for custom designs and features.

General Note

TT electronics reserves the right to make changes in product specification without notice or liability.
All information is subject to TT electronics’ own data and is considered accurate at time of going to print.