Component Type	Derating Value
Connector	
All Connectors	Pin Current = 75% of Imax
	Pin-Pin Voltage = 75% of Vmax
	Temp = Tmax - 25°C
Capacitors	
Film	Voltage = 60% of Vmax
	Temp = Tmax 105°C
Ceramic	Voltage = 60% of Vmax
Cerainic	Temp = Tmax 105°C
	Foil Voltage = 50% of Vmax
Tantalum	Wet Slug Voltage = 40% of Vmax
Tantalani	Solid Voltage = 30% of Vmax
	Temp = Tmax 105°C
Resistors	
Film / Wirewound	Power = 70% of Power Rating @ max temp
Magnetics	
	I = 80% of Imax
Transformer	V = 50% of Vmax
	Temp = Wire Temp 130°C max
La desata a	I = 80% of Imax
Inductor	V = 50% of Vacmax
Discrete Semiconductors	
	Junction Temp = Tjmax *.8
Dostition	Forward Current = 50% of Imax
Rectifier	Surge Current = 85% of Imax
	PIV = 70% of Vmax
	Junction Temp = Tjmax*.8

Zener	Power Dissipation = 50% of Pmax
	I = 75% of Imax
Transient Suppressor	Junction Temp = Tjmax*.8
	Power Dissipation = 80% of max power for transient conditions
Bipolar Transistor	Junction Temp = Tjmax *.8
	VCE = 50% of VCEmax
MOSFET	Junction Temp = Tjmax*.8
Integrated Circuits	
Linear IC's	Junction Temp = Tjmax*.75
	lout = 80% of Imax
Digital IC's	Junction Temp = Tjmax*.75
	lout = 80% of Imax
	Clock Frequency= 80% of rated speed where applicable.
Crystal Oscillators	
Crystal Oscillators	Junction Temp = Tjmax*.75
	lout = 80% of Imax