

OVERVIEW OF CURRENT PTC THERMISTORS FOR EXCESS TEMPERATURE PROTECTION

Ordering Code	R ₂₅ [Ω]	R ₂₅ tolerance [±%]	Sensing temperature T _{NTT} [°C]	Tolerance of sensing temperature [±°C]	Reference temperature T _{ref} [°C]	Tolerance of reference temperature [±°C]	Package
B59602A0055A062	110	15	—	—	56 °C	3 °C	0603
B59602A0070A062	30	15	—	—	72 °C	3 °C	0603
Family: B59603****A062	470	15	55°C, 85 °C, 105 °C	5 °C	45 °C, 75 °C, 95 °C	5 °C	0603
Family: B59601A0***A062	470	50	75 °C to 135 °C in steps of 10 degrees	5 °C	—	—	0603
Family: B59601A0***B062	470	50	75 °C to 135 °C in steps of 10 degrees	3 °C	—	—	0603
Family: B59***P1***A062	3.1 - 55	25	—	—	80 °C, 120 °C	Typical value	4032, 3225
B59606A0110A062	27	25	—	—	110 °C	Typical value	1210
B59607A0120A062	55	25	—	—	120 °C	Typical value	1210
B59707A0120A062	125	25	—	—	120 °C	Typical value	1210
B59807A0120A062	400	25	—	—	90 °C	Typical value	1210
Family: B599*5C0120A070	0.3 - 13	25	—	—	120 °C	Typical value	Radial leaded
Family: B599*0C0080A070	1.65 - 55	25	—	—	80 °C	Typical value	Radial leaded

R₂₅: Resistance at 25°C

T_{NTT}: Temperature where the device resistance reaches 4.7 kΩ

T_{ref}: Temperature where the device resistance reaches twice its minimum resistance