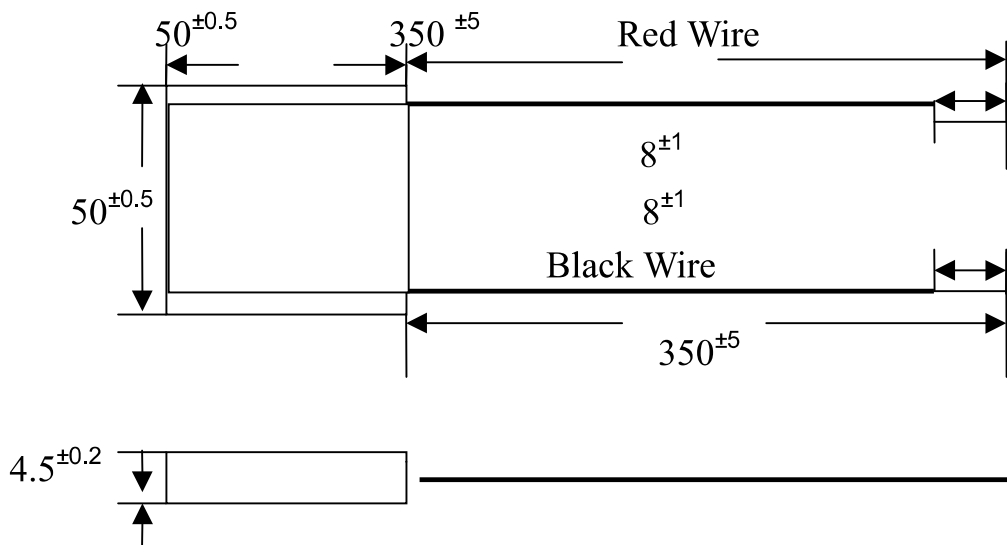


Peltier Element Type 12708: Specification / Data Sheet

I. Model

TEC1—12708 / RO8.5-76.0 (B/N193623)

II. Size



III. Character

Item	Description	Unit	Value	Condition
1	Allowed Use Room Temperature	T	<90 °C	
2	Max Q Watt	Q_{\max}	76 W	$T_a = 30^{\circ}\text{C}$
3	Max Temperature	ΔT_{\max}	>65 K	$T_a = 30^{\circ}\text{C}$
4	Max Voltage	U_{\max}	15.4 V	$T_a = 30^{\circ}\text{C}$
5	Max Temp. Current	I_{\max}	8.5 A	$T_a = 30^{\circ}\text{C}$
6	Resistance	R	1.4-1.7 Ω	$T_a = 25^{\circ}\text{C}$
7	dH & dP		≤ 0.05 mm	
8	Wires	UL	0.5 mm	

Remarks: Resistance will be changed depends on the room temp , every room temp drop or rise 1°C, resistance value will be increased or decreased 0.015 Ω .