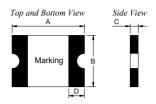
1, Physical Dimensions(size of 1210)

Unit:mm

| Part Number | A | | В | | С | | D | M1-: | |
|---------------|------|------|------|------|------|------|------|---------|--|
| | Min | Max | Min | Max | Min | Max | Min | Marking | |
| K1210L200/8AR | 3.00 | 3.43 | 2.35 | 2.80 | 0.60 | 1.00 | 0.30 | T20 | |



2. Electrical Characteristics

| Part Number | I _H (A) | I _T (A) | V _{max} (V) | I max (A) | T _{trij} (Max time Current(A) | • | Pd typ (W) | $R_{min} (\Omega)$ | $R1_{max}$ (Ω) |
|---------------|--------------------|--------------------|----------------------|--------------|--|------|---------------|--------------------|-----------------------|
| K1210L200/8AR | 2.00 | 4.00 | 8 | 40 | 8.00 | 1.00 | 0.70 | 0.02 | 0.09 |

I_H: Holding Current: maximum current at which the device will not trip in 25°C still air.

I_T: Tripping Current minimum current at which the device will trip in 25°C still air.

V_{max}: Maximum voltage device can withstand without damage at rated current.

 I_{max} : Maximum fault current device can withstand without damage at rated voltage.

T_{trip}: Maximum time to trip(s) at assigned current.

Pd_{typ}: Rated working power.

R_{min}: Minimum resistance of device prior to trip at 25°C.

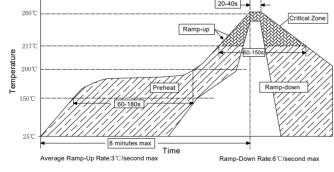
R1 max: Maximum resistance of device is measured one hours post reflow at 25°C.

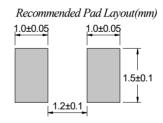
Noted: All electrical function test is conducted after PCB mounted.

3. Thermal Derating

| K1210L200/8AR | Maximum ambient operating temperature | | | | | | | | | |
|-----------------|---------------------------------------|------|------|------|------|------|------|------|------|--|
| | -40°C | -20℃ | 0℃ | 25℃ | 40°C | 50°C | 60°C | 70°C | 85℃ | |
| Hold Current(A) | 3.20 | 2.80 | 2.40 | 2.00 | 1.80 | 1.60 | 1.40 | 1.20 | 1.00 | |
| Trip Current(A) | 6.40 | 5.60 | 4.80 | 4.00 | 3.60 | 3.20 | 2.80 | 2.40 | 2.00 | |

4. Solder Reflow Recommendations





Notes:If reflow temperatures exceed the recommended profile, devices may not meet the performance requirements.

5. Package Information

Packing quantity:3500PCS/Reel

Note:Reel packaging per EIA-481-1 standard

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