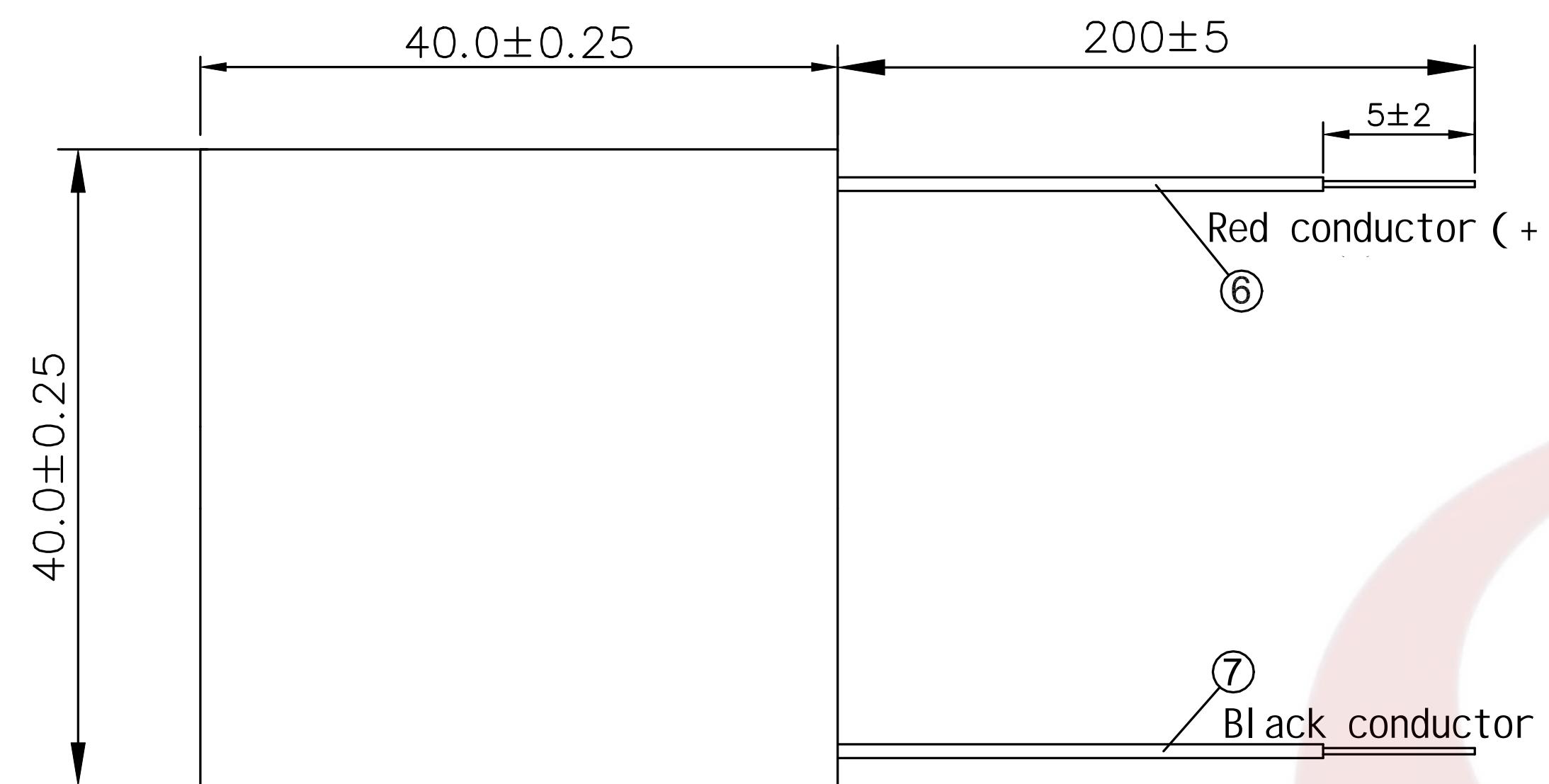
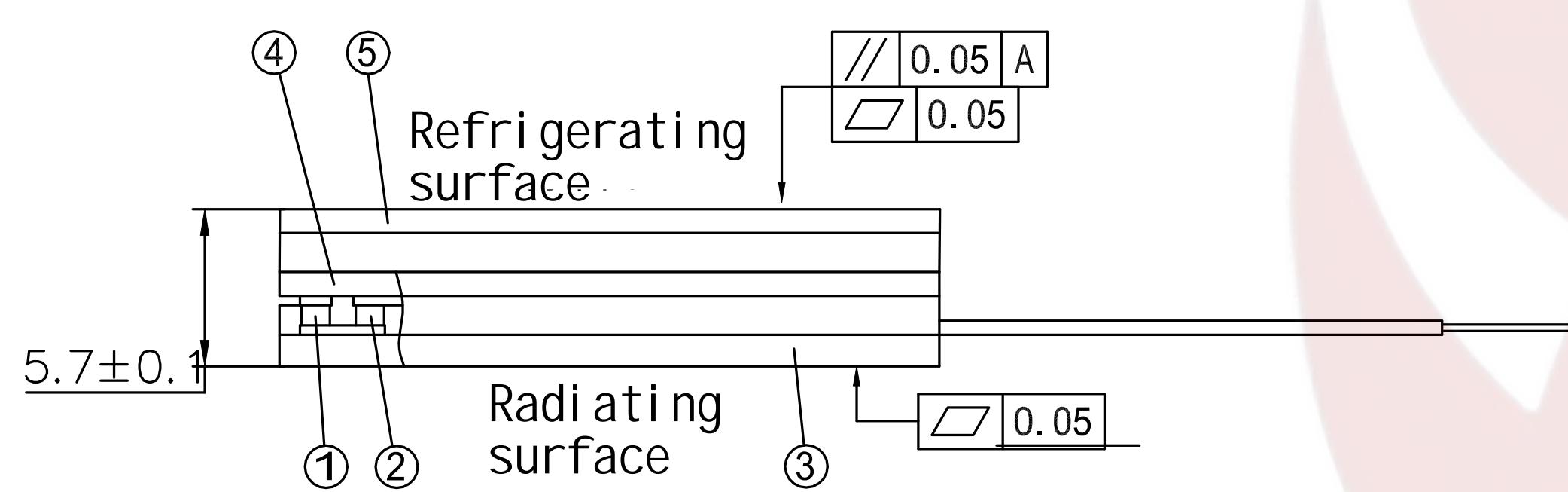


A



B



C

| item | Numerical value | Test environment |
|--------------------------------|-----------------|-------------------------------------|
| Maximum voltage | 15.8V | $Q_c=0, DT=DT_{max}, Th=50^\circ C$ |
| Maximum current | 8A | $Q_c=0, I=I_{max}, Th=50^\circ C$ |
| Maximum temperature difference | 85 | $Q_c=0, I=I_{max}, Th=50^\circ C$ |
| Maximum cooling capacity | 29.8W | $I=I_{max}, DT=0, Th=50^\circ C$ |
| Maximum temperature resistance | 120°C | |

D

Technical requirements:

- 1) Product resistance range: 2.8-3.1 ($T=25^\circ C$).
- 2) Wire material: #20 AWG 3239 silicone wire. Wire ends on tin.
- 3) When the red wire is connected to the positive electrode, the above is the cooling surface.
- 4) The product uses RTV sealant.

| | | | |
|---|---------------------------|---------------------------------|--|
| 1 | P-type particle | Bi ₂ Te ₃ | |
| 2 | N-type particle | Bi ₂ Te ₃ | |
| 3 | Cooling surface substrate | Aluminum oxide | |
| 4 | Intermediate substrate | Aluminum oxide | |
| 5 | Cooling surface substrate | Aluminum oxide | |
| 6 | Positive conductor | Soft silicone wire | |
| 7 | Negative conductor | Soft silicone wire | |

Refrigeration sheet

2 layer TEC2-25408

1 1

HUAHAI

view

