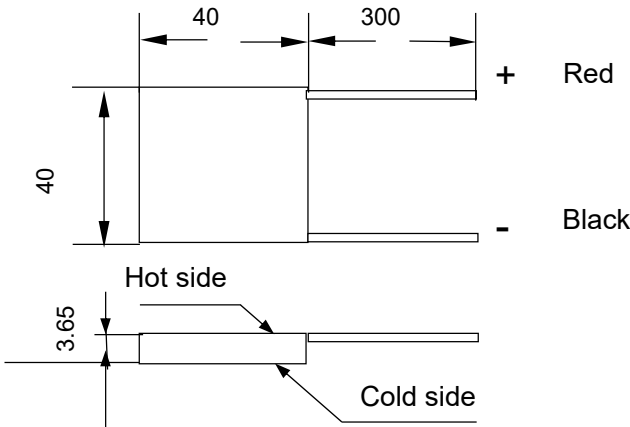


TEC1-12705 Technical Specifications for Semiconductor Refrigeration Chips

1. Overall dimensions



2. Basic electrical performance indicators

Project	Characteristic value		Condition
Maximum current	I _{max}	5.0A	T _h =25°C
Maximum voltage	V _{max}	15.4V	T _h =25°C
Maximum temperature difference	ΔT _{max}	≥66°C	Q _c =0, T _h =25°C
Maximum cooling power	Q _{cmax}	44.5W	ΔT=0°C, T _h =25°C
Temperature range	T _R	-50~150°C	
Product internal resistance	R	2.2~2.5Ω	ΔT=0°C, T _h =25°C
Power cord	20AWG silicone soft wire, length 300mm; or as per customer requirements		
Solder specifications	227°C Tin		
Sealing requirements	White silicone sealant 704		
Packaging requirements	Foam box shockproof + corrugated box		
Printing requirements	Cold printing		