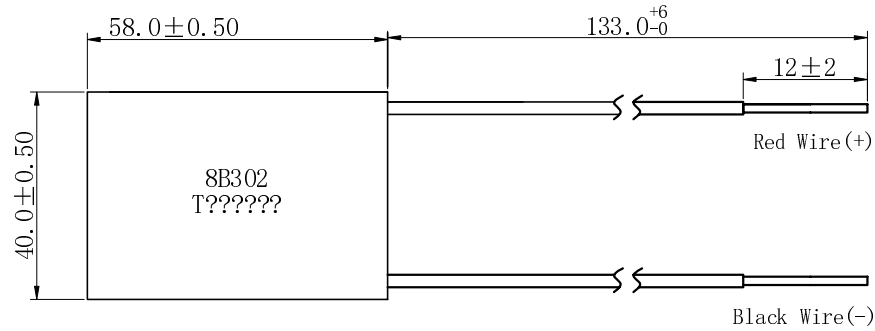


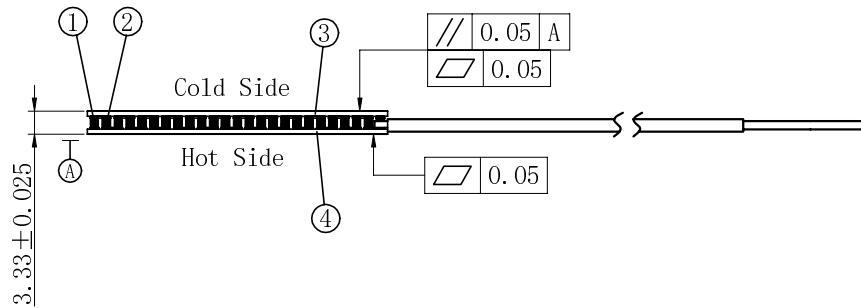
FERROTEC CONFIDENTIAL



- 1) The resistance of the module shall be within 1.133 to 1.382 ohms at an ambient temperature of 25 degrees Celsius.
- ⚠ 2) The lead wire material: #22 AWG Type-E Teflon MIL-W-16878E/4.
- 3) The end of the lead wires shall be pre-tinned.
- 4) Lot Number and Part Number shall be stamped on the cold side with black color.

ROHS/REACH COMPLIANCE

Item	Value	Conditions (Vacuum)
Imax	16.0A	Qc=0, DT=DTmax, Th=50°C
Vmax	28.3V	Qc=0, I=Imax, Th=50°C
DTmax	83.0°C	Qc=0, I=Imax, Th=50°C
Qcmax	237W	I=Imax, DT=0, Th=50°C
Thmax	200.0°C	Maximum Processing Temperature



6	BLACK WIRE	PTFE	1	
5	RED WIRE	PTFE	1	
4	HOT SIDE SUBSTRATE	Alumina	1	
3	COLD SIDE SUBSTRATE	Alumina	1	
2	N-TYPE DICE	Bi2Te3	199	
1	P-TYPE DICE	Bi2Te3	199	
SN	PN	MATERIAL	QTY	REMARKS

FerroTec					General Dimension Tolerance		PLs	Date	Summary Of Modification		By	Designed		Finished Mark		Title		Proj.
			Process		Cutting	Forging	2	21.12.17	wire size change	Miao	Lingbo Liu	2015.10.28	Material		⚠ 72008/199/160B		3	
			Size Range	Common	Special	Common					Checked	Date	Finish	Angle				
	Z			less than 6	±0.1	±0.15	±0.5				Approved		Drawing Number		T1406-0800C		1/1	
	Rev.	Approved by	Date	Remark	6 up to 30	±0.2					Approved		Raw Material Size					P/N
Customer Approval				30 up to 120	±0.3	±0.2	±0.7				Approved		Raw Material Weight		8B302		Do Not Scale	A
				120 up to 315	±0.5	±0.25	±1.0						Approved					
				315 up to 1000	±0.8	±0.4	±1.5											
				Angel	±5°	±1°	±5°											