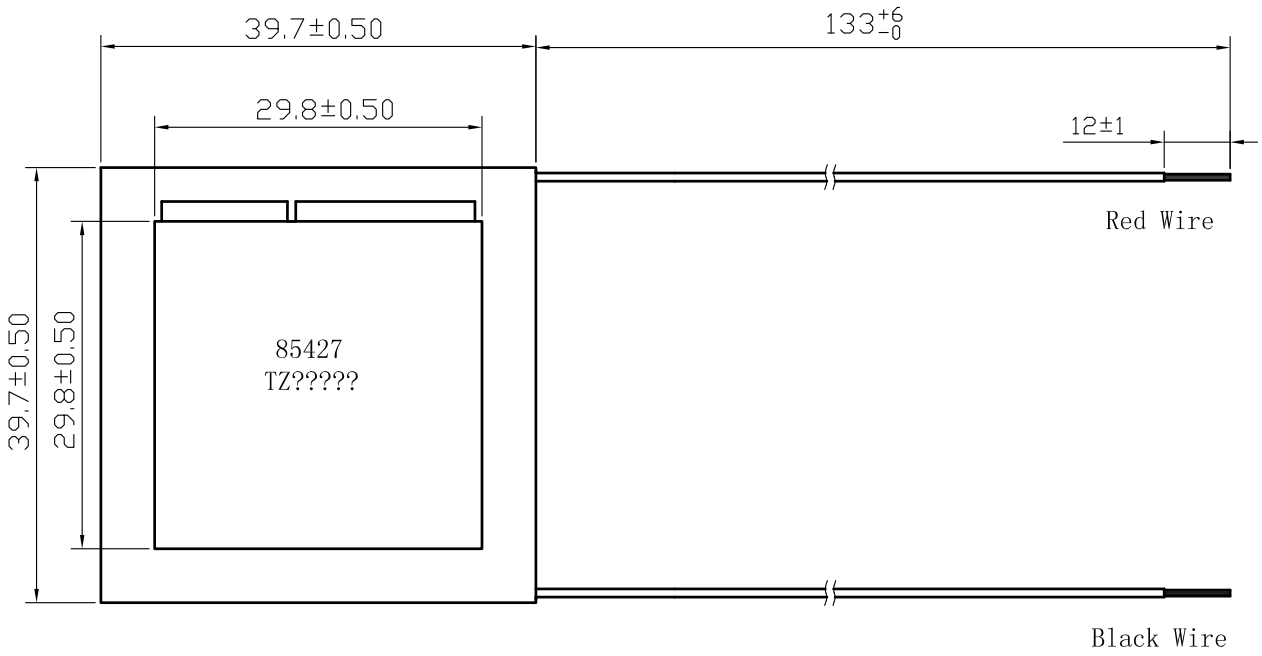
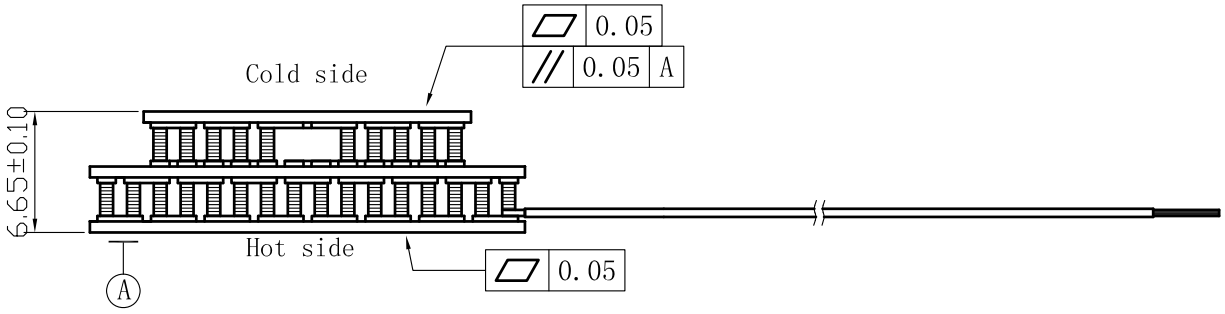


FERROTEC
Confidential

1) *Lot Number "TZ?????" and Part Number "85427" shall be stamped on the cold side with black color.*
2) *The joints of the lead wires shall withstand a 2-kg pull for 1 minute without bond failure.*
3) *The end of the lead wires shall be pre-tinned.*
4) *Material of lead wires:* #20 AWG Type-E Teflon MIL-W-16878E/4.
5) *The upper substrate shall be cold side if connecting the red wire to the positive pole of the power.*
6) *The resistance of the module shall be within 1.861 to 2.273 ohms at an ambient temperature of 25 degrees Celsius.*



Item	Value	Conditions
Imax	6.5A	Qc=0, DT=DTmax, Th=50℃
Vmax	17.9V	Qc=0, I=Imax, Th=50℃
DTmax	100℃	Qc=0, I=Imax, Th=50℃
Qcmax	37W	I=Imax, DT=0, Th=50℃
Thmax	200℃	

Ferrotec Corporation
(Zhijiang Factory)
668# Binkang Road,Hangzhou Hi-tech Garden,Zhejiang Province,P.R.China

General Dimension Tolerance

Process / Size range	Cutting common	Cutting special	Forging Common
Lessthan 6	±0.1	±0.15	±0.5
6 up to 30	±0.2		
30 up to 120	±0.3	±0.2	±0.7
120 up to 315	±0.5	±0.25	±1.0
315 up to 1000	±0.8	±0.4	±1.5
1000 up to 2000	±1.2	±0.6	±2.0

Pls	Date Modifying	Summary of Modification	By

Designed	YuFeng Jiang	2010/10/11	Finished Mark
Checked	JiHong Mao	2010/10/11	Material
FTH	Approved		Finish
FT	Approved		Raw Material Size
FTU	Approved		Raw Material Weight

Title	2020/185/065B		Proj. 3 Angle
Drawing Number	-----		1/1
P/N	85427	Scale: Do not Scale	Rev. Z