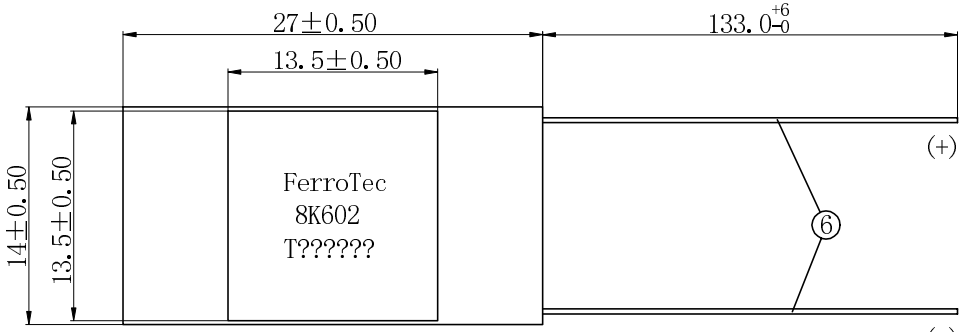
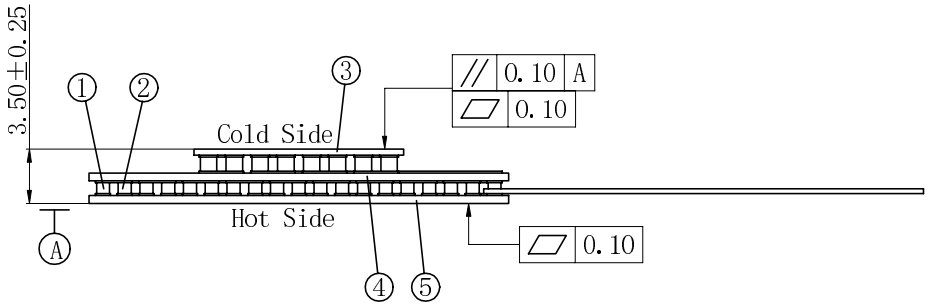
FERROTEC CONFIDENTIAL





1) The resistance of the module shall be within 1.686 to 2.047 ohms at an ambient temperature of 25 degrees Celsius.
2) The lead wire material: #28 AWG Tinned Copper Single Strand.
3) "FerroTec",Lot Number and Part Number shall be stamped on the cold side with black color.

ROHS/REACH COMPLIANCE

Item	Value	Conditions(Vacuum)
Imax	5.0A	Qc=0,DT=DTmax, Th=50℃
Vmax	13.28V	Qc=0,I=Imax,Th=50℃
DTmax	110℃	Qc=0,I=Imax,Th=50℃
Qcmax	12.25W	I=Imax,DT=0,Th=50℃
Thmax	200.0℃	Maximum Processing Temperature

SN	PN	MATERIAL	QTY	REMARKS
6	WIRE	----	2	
5	HOT SIDE SUBSTRATE	Alumina	1	
4	MIDDLE SUBSTRATE	Alumina	1	
3	COLD SIDE SUBSTRATE	Alumina	1	
2	N-TYPE DICE	Bi2Te3	111	
1	P-TYPE DICE	Bi2Te3	111	

FerroTec

Z			
Rev.	Approved by	Date	Remark
Customer Approval			

General Dimension Tolerance			
Process / Size Range	Cutting Common	Cutting Special	Forging Common
less than 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
Angel	±5°	±1°	±5°

PLs	Date	Summary Of Modification	By

Designed	Xinze Miao	2021.12.15	Finished Mark
Checked	Yongqing Wu	2021.12.15	Material
FTH Approved			Finish
FT Approved			Raw Material Size
FTU Approved			Raw Material Weight

Title	2020/111/050A		Proj. 3 Angle
Drawing Number	T2112-3600C		1/1
P/N	8K602	Scale: Do Not Scale	Rev. Z