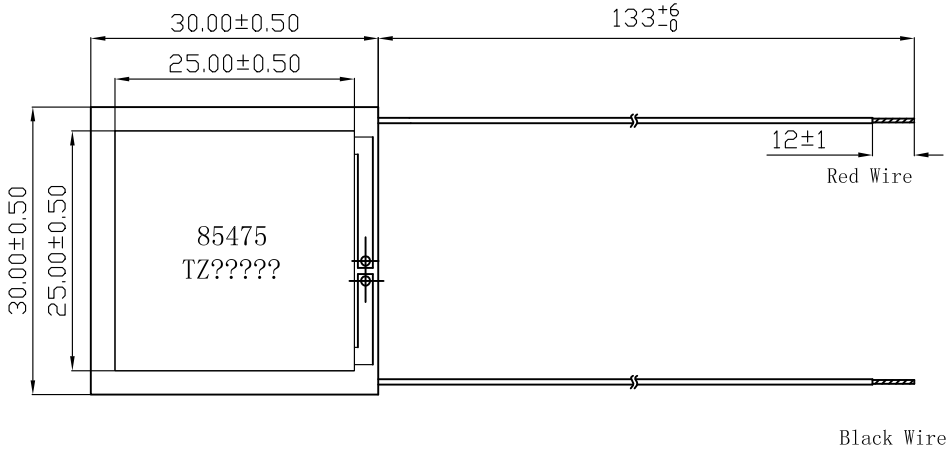
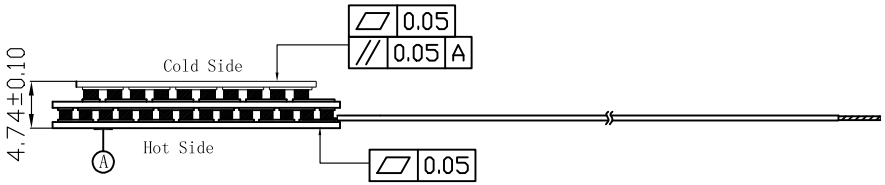


FERROTEC CONFIDENTIAL

PRELIMINARY

1). The resistance of the module shall be within 1.484 to 1.812 ohms at an ambient temperature of 25 degrees Celsius.
2). Material of lead wires: #22 AWG Type-E Teflon MIL-W-16878E/4.
3). Material of ceramics:Aluminum Nitride.
4). The top side shall be the cold side if connecting (+) lead wire to the positive pole of power.



ROHS/REACH COMPLIANCE

Item	Value	Conditions
Imax	5.5A	Qc=0, DT=DTmax, Th=50℃
Vmax	12.4V	Qc=0, I=Imax, Th=50℃
DTmax	95.0℃	Qc=0, I=Imax, Th=50℃
Qcmax	29.7W	I=Imax, DT=0, Th=50℃
Thmax	200.0℃	Maximum Processing Temperature

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		Finished Mark	
Checked		Material	
FTH Approved		Finish	
FT Approved		Raw Material Size	
FTU Approved		Raw Material Weight	

Title	2020/147/055BN
Drawing Number	T1101-0700
P/N	85475
Scale:	Do Not Scale
Proj.	3 Angle
	1/1
Rev.	Z