



Yx-TEK
亚湘科技

APPROVED SHEET

CUSTOMER: _____

CUSTOMER P/N: _____

YX P/N: _____

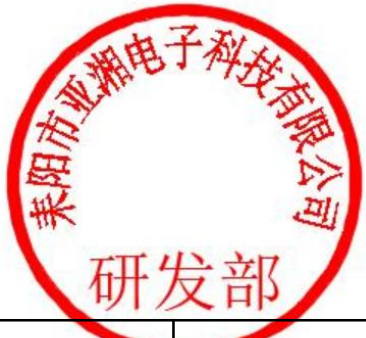
TB611GL

REV: _____

R2

DESCRIPTION: _____

BMS Transformer

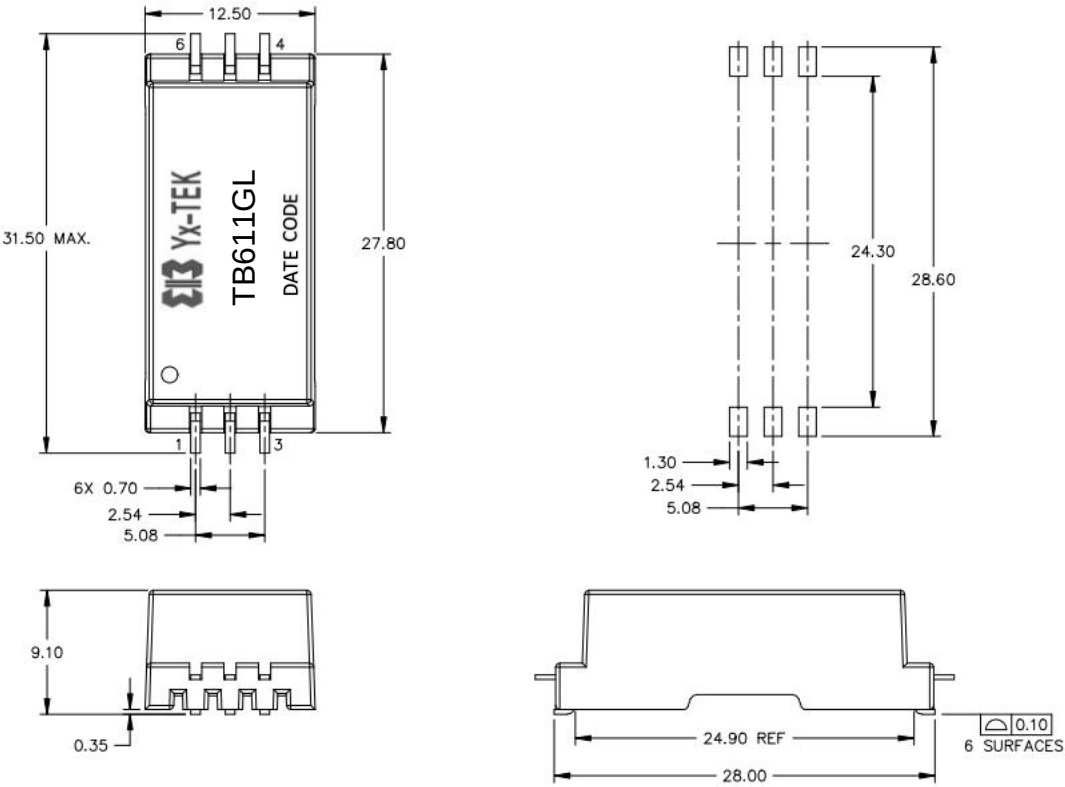
CUSTOMER APPROVAL		COMPANY APPROVAL	
			
INSPECTED BY:		ISSUED BY:	Yang.Z
CHECKED BY:		CHECKED BY:	HaiC.L
APPROVED BY:		APPROVED BY:	Mcdull
APPROVED DATE:		ISSUED DATE:	June.18.2024

Please Return One Copy to Us After Approved,TKS! (承认后请回寄一份,谢谢)

RECORD OF REVISION

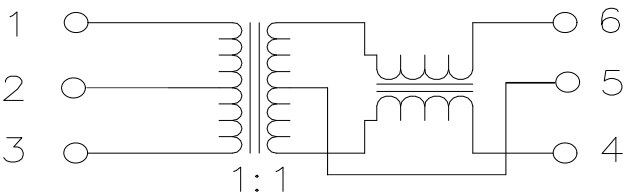
[illegible]

A: Recommended Land Pattern): [mm]



Unless otherwise specified all tolerances are: 0.xx: ± 0.25 ; x.xx: ± 0.5

B: SCHEMATICS

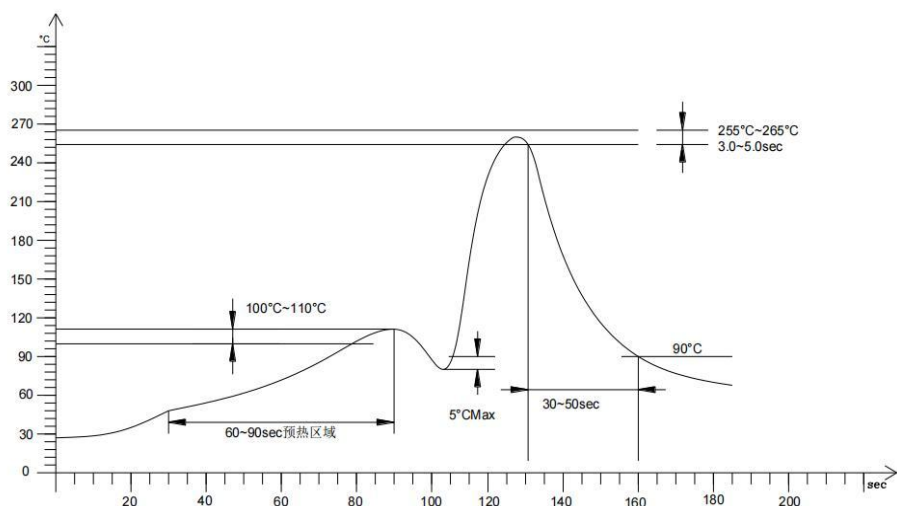


DESCRIPTION	YX P/N	SPEC NO.	REV: R2
BMS Transformer	TB611GL		PAGE: 2/4

C. ELECTRICAL SPECIFICATIONS @25°C

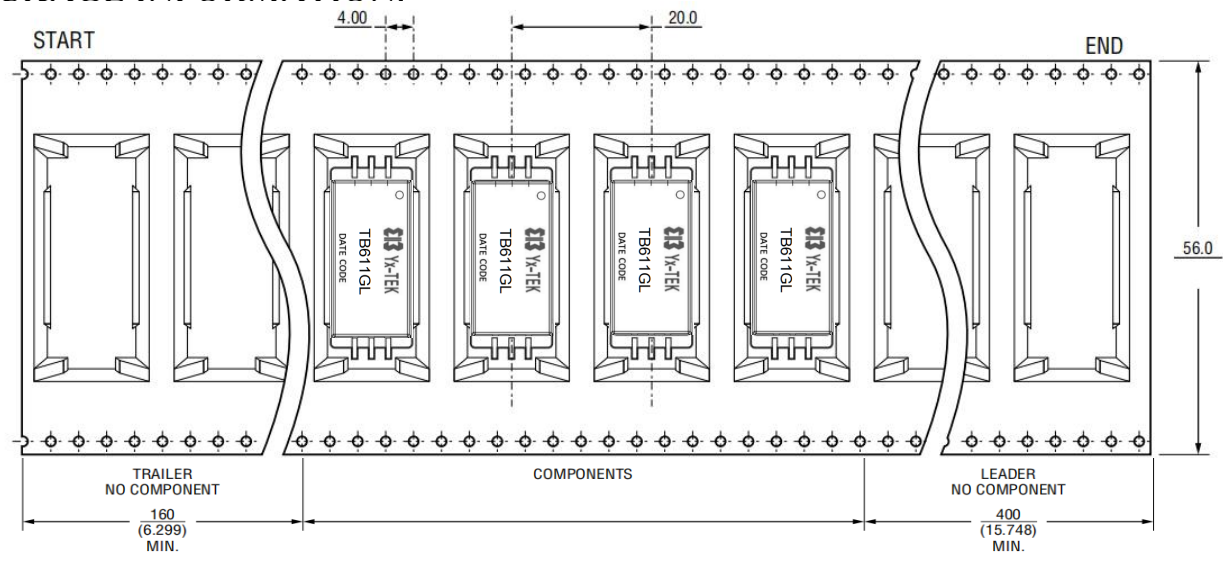
1. AEC-Q200 Qualified.
2. Functional Insulation.Design construction: Reinforced insulation between primary and secondary per IEC 62477-1, IEC 60664-1 and IEC 62368-1 。
3. UL recognized per UL 62368-1 。
4. Creepage Distance: >15mm.
5. OCL: 300 uH $\pm$ 50%. @ 100 KHz, 0.1V.
6. Leakage Inductance: 1.0 uH Max @ 100 KHz, 0.1V
7. DCR: (Transformer Side :0.45 Ω Max),CMC Side: 0.80 Ω Max @ 25°C
- .8. Turns Ratio: 1CT:1CT/ $\pm$ 3%.
9. Insertion Loss:-1.2 dB Max @ 4 MHz.
- 10.Return Loss (Z OUT= 100 Ω) :-6.0 B Min @ 4 MHz.
- 11.CMRR: -35 dB Min @1-10 MHz
-22 dB Min @10-125 MHz.
- 12.Isolation H-ipot:6400VDC 60S of with 0.5mA Max Leakage current.
- 13.Working Voltage :1500VDC for 15years.
- 14.Operating temperature: -40°C to +125°C
- 15 .Storage temperature: -50°Cto +125°C
- 16.MSL:grade1.
- 17.Compliant RoHS-6.

D、RECOMMEND REFLOW SOLDERING CURVE:



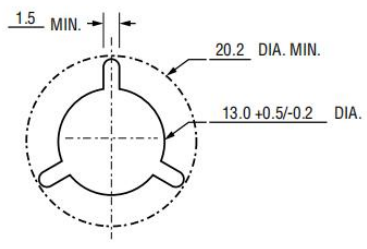
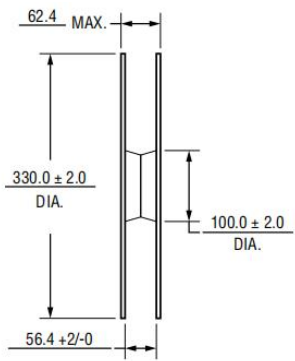
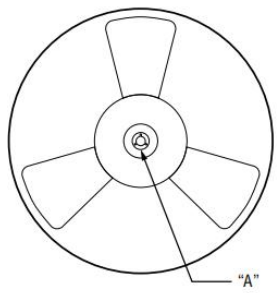
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E. PACKAGE INFORMATION:

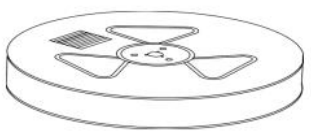


USER DIRECTION OF FEED
QTY: 300 PCS. PER REEL

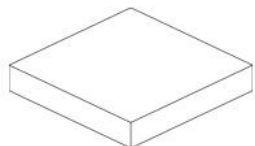
DIMENSIONS: MM (INCHES)



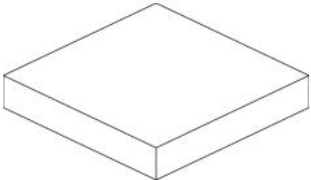
DETAIL "A"



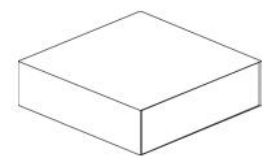
Reel



Inner Carton



Inner Carton



Export Carton

Package Quantity:
One Reel=300Pcs
One Inner Carton=300*1= 300Pcs
One Export Carton=300*6=1800Pcs

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