



Yx-TEK
亚湘科技

APPROVED SHEET

CUSTOMER: _____

CUSTOMER P/N: _____

YX P/N: _____

TB601G

REV: _____

R3

DESCRIPTION: _____

BMS Transformer

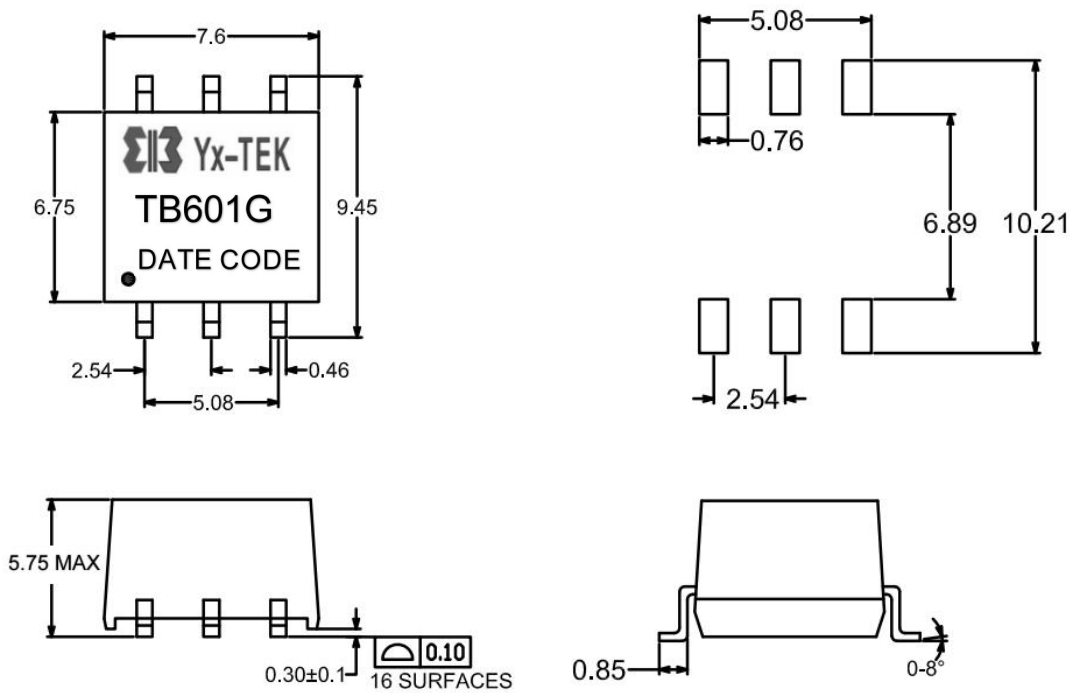
CUSTOMER APPROVAL		COMPANY APPROVAL	
			
INSPECTED BY:		ISSUED BY:	Yang.Z
CHECKED BY:		CHECKED BY:	Hai,C-L
APPROVED BY:		APPROVED BY:	Mcdull
APPROVED DATE:		ISSUED DATE:	Feb.19.2024

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

RECORD OF REVISION

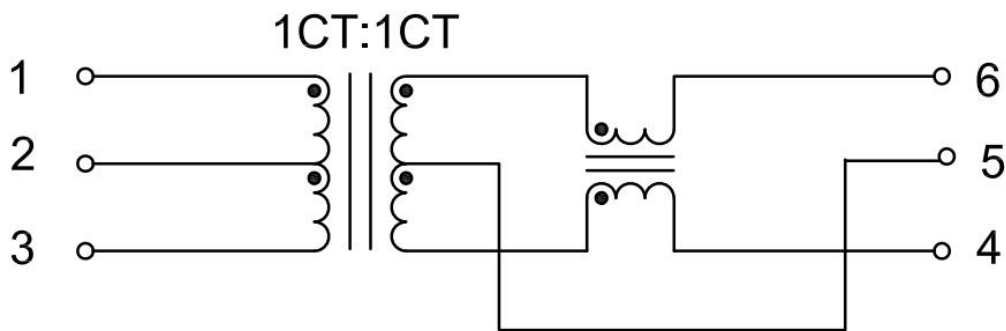
[illegible]

A: Recommended Land Pattern): [mm]



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

B: SCHEMATICS

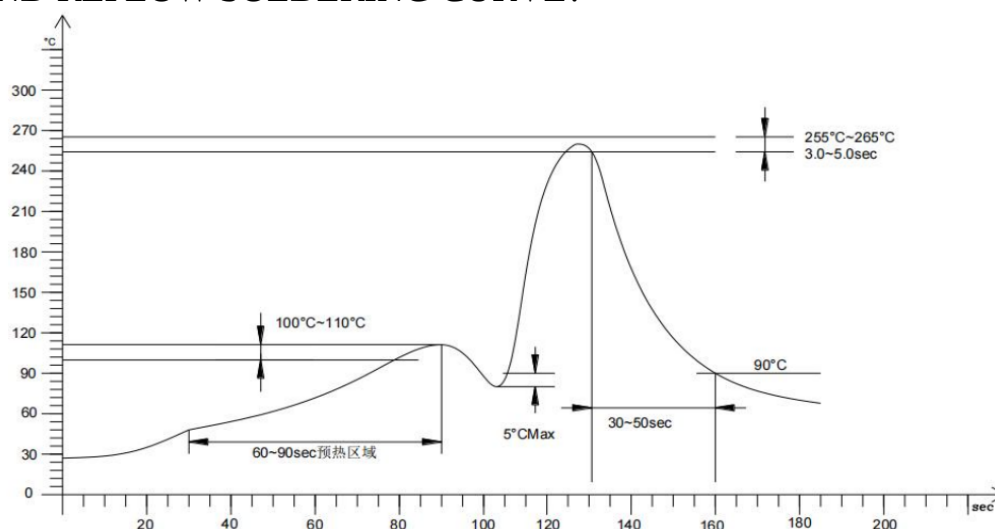


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C. ELECTRICAL SPECIFICATIONS @25°C

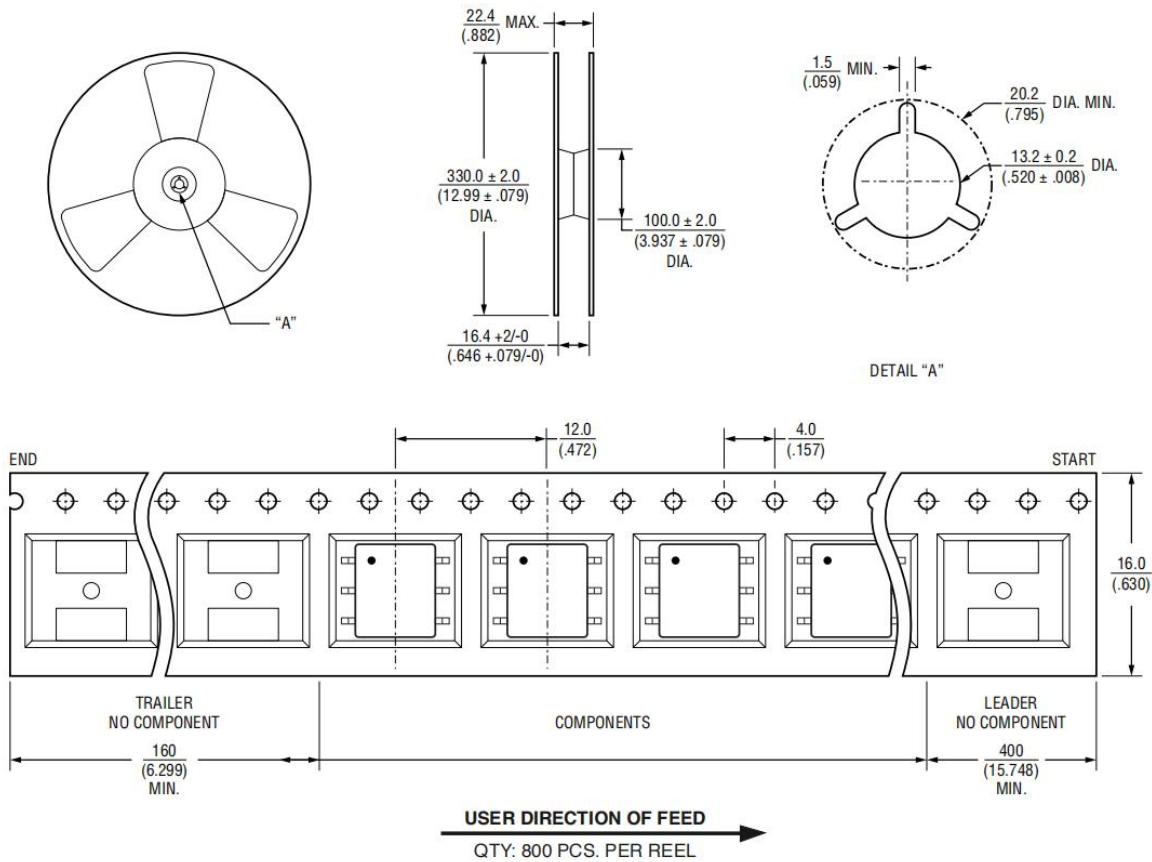
1. AEC-Q200 Qualified.
2. Functional Insulation.
3. Creepage Distance: > 5mm.
4. OCL: 150uH Min & 450uH Max @ 100 KHz, 0.1V.
5. Leakage Inductance: 0.5uH Max @ 100 KHz, 0.1V
6. DCR: (Transformer Side :0.45 Ω Max),CMC Side: 0.85 Ω Max @ 25°C.
7. Turns Ratio: 1CT:1CT/ $\pm$ 3%.
8. Insertion Loss:0.25 dB Max @ 4 MHz.
9. Return Loss (Z OUT= 100 Ω) :20 dB Min @ 4 MHz.
10. CMRR: -35dB Min @1-10 MHz
-20dB Min @10-1000 MHz.
11. Isolation Hipot: 4300VDC 1mA 60S of Leakage current.
12. Working Voltage :1000VDC for 15years.
13. Operating temperature: -40°C to +125°C
- 14 .Storage temperature: -40°Cto +125°C
- 15.MSL:grade1.
- 16.Compliant RoHS-6.

D、 RECOMMEND REFLOW SOLDERING CURVE:

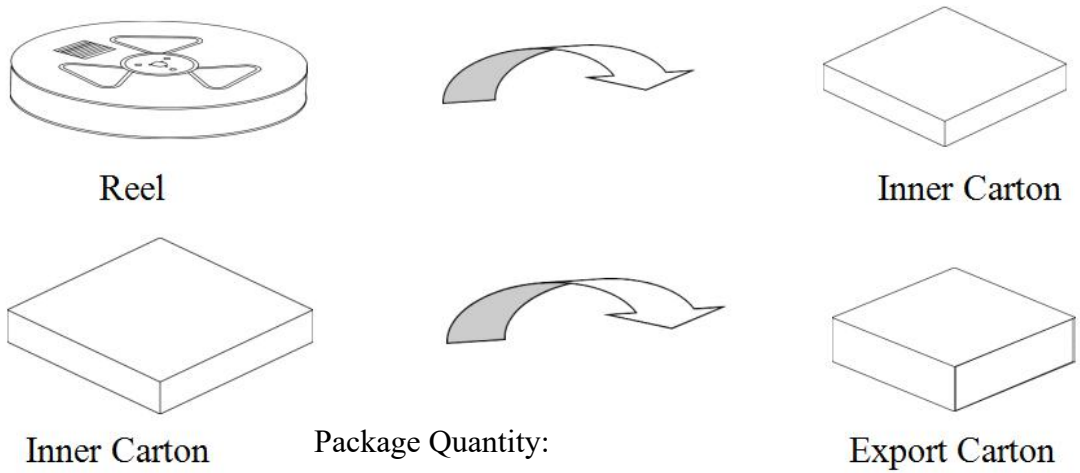


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E. PACKAGE INFORMATION:



备注: 每卷载带前空15PCS格,后空25PCS格(靠近卷轴端为前)



Package Quantity:

- One Reel=800Pcs
- One Inner Carton=800*2= 1,600Pcs
- One Export carton=1,600*3=4,800Pcs

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