



Yx-TEK
亚湘科技

APPROVED SHEET

CUSTOMER: _____

CUSTOMER P/N: _____

YX P/N: TB605G

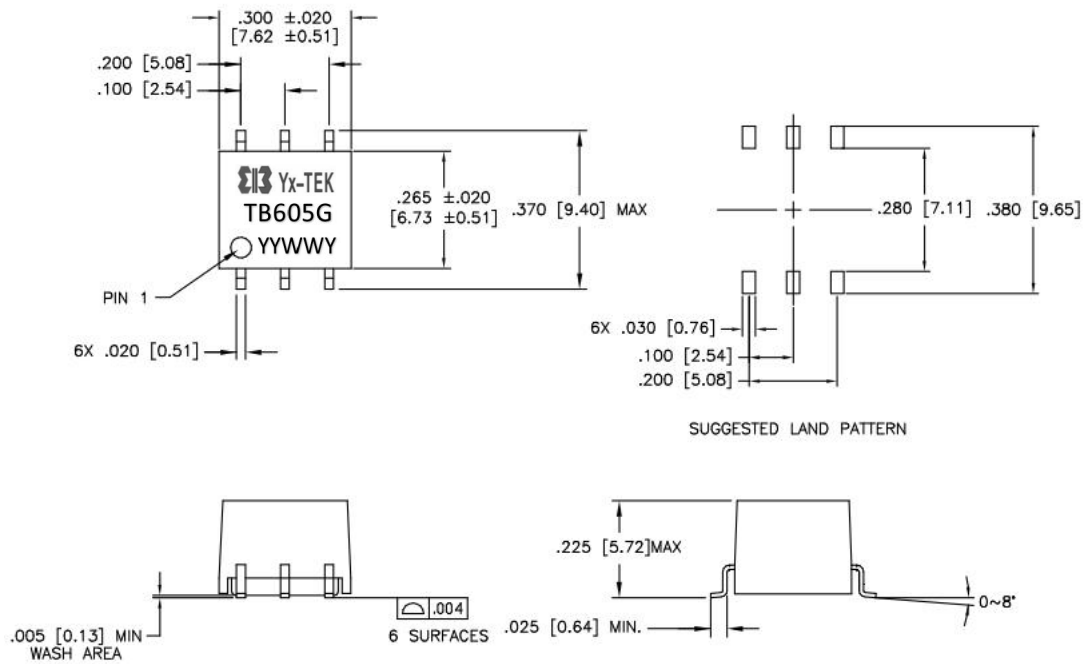
REV: R1

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:	Dec.21.2023

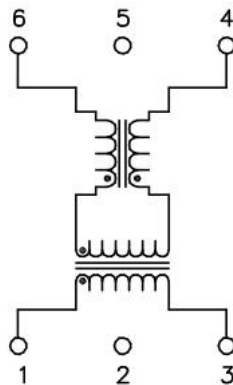
Please Return One Copy to Us After Approved,TKS! (承认后请回寄一份,谢谢)

A: Recommended Land Pattern): [mm]



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

B: SCHEMATICS

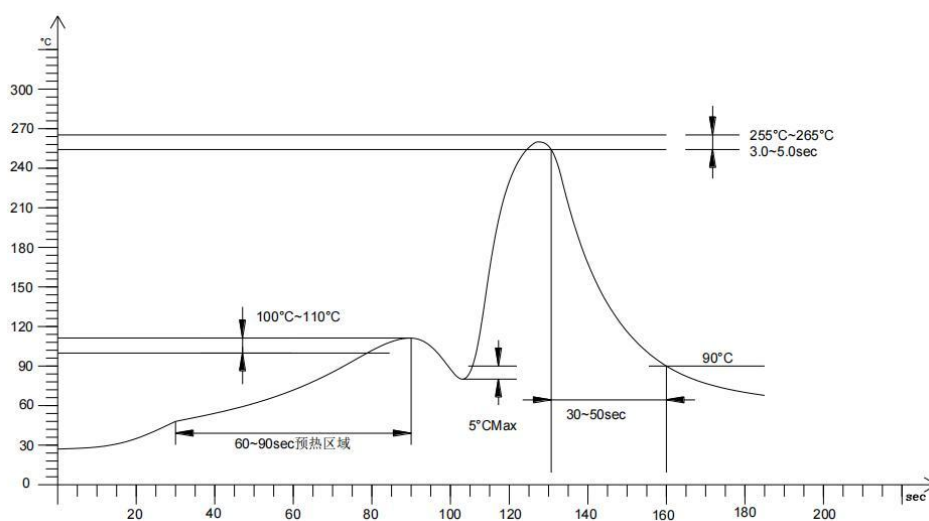


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C. ELECTRICAL SPECIFICATIONS @25°C

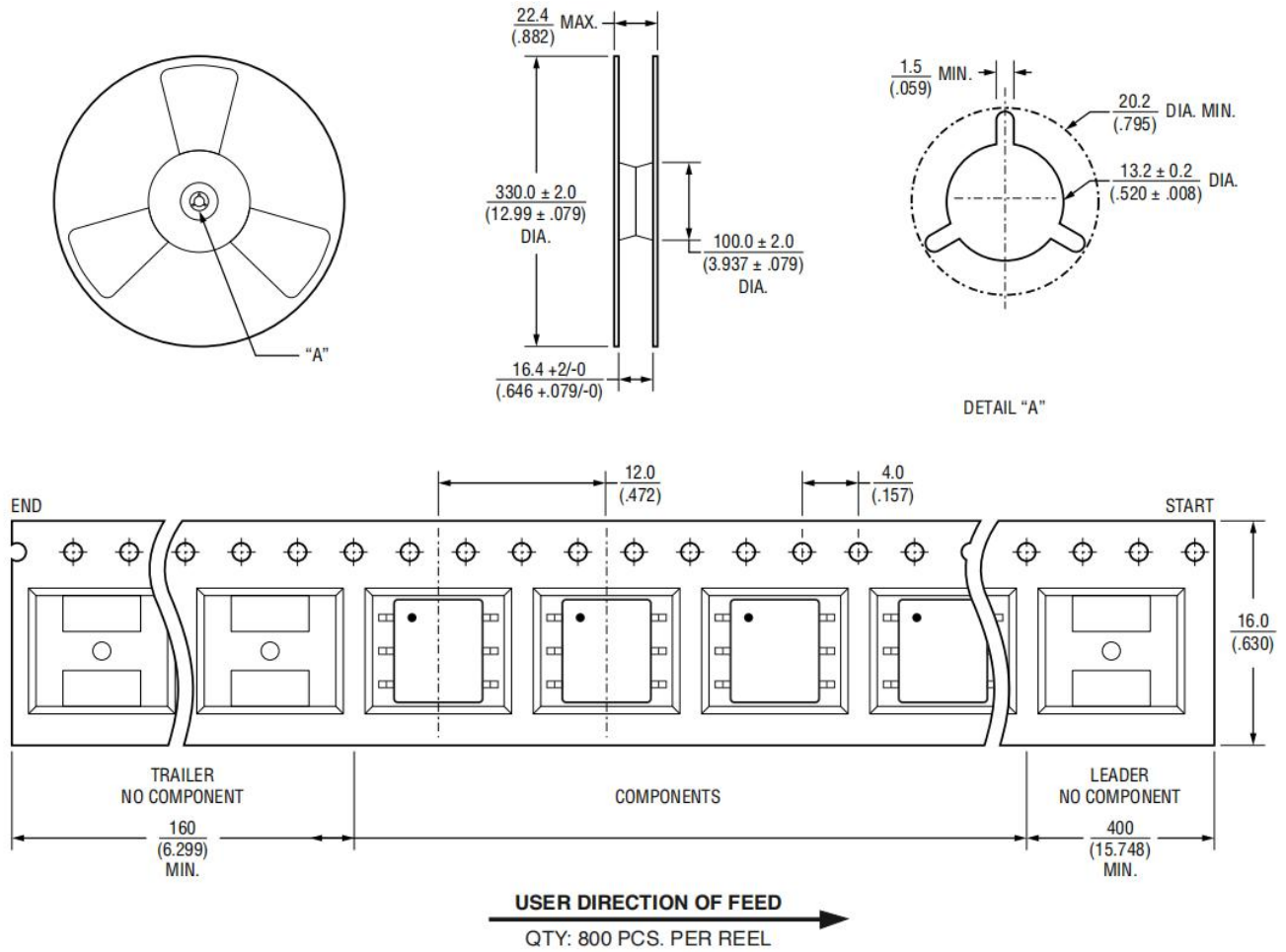
1. AEC-Q200 Qualified.
2. Functional Insulation.
3. Creepage Distance: > 5mm.
4. OCL: 150 uH Min,450uH Max. @ 100 KHz, 0.1V.
5. Leakage Inductance: 0.5uH Max @ 100 KHz, 0.1V
6. DCR: (Transformer Side :0.45 Ω Max),CMC Side: 0.85 Ω Max @ 25°C.
7. Turns Ratio: 1CT:1CT/±3%.
8. Insertion Losss:0.25 dB Max @ 4 MHz.
9. Return Loss (Z OUT= 100Ω) :20 dB Min @ 4 MHz.
- 10.CMRR: -35dB Min @1-10 MHz
-20dB Min @10-1000 MHz.
- 11.Isolation Hipot:4300VDC OR2500VAC with 1mA 60S of Leakage current.
- 12.Working Voltage :1000VDC for 15years.
- 13.Operating temperature: -40°C to +125°C
- 14 .Storage temperature: -50°Cto +125°C
- 15.MSL:grade1.
- 16.Compliant RoHS-6.

D、RECOMMENDWAVESOLDERINGCURVE:



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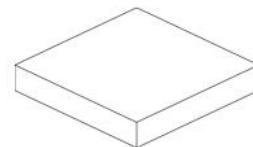
E. PACKAGE INFORMATION:



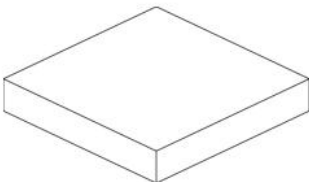
备注: 每卷载带前空15格最少,后空25格最少(靠近卷轴端为前)



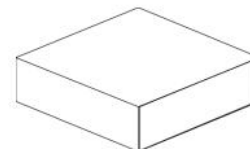
Reel



Inner Carton



Inner Carton Package Quantity:



Export Carton

One Reel=800Pcs

One Inner Carton=800*2= 1600Pcs

One Export Carton=1600*3=4800Pcs

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