

APPROVED SHEET

CUSTOMER:

CUSTOMER P/N:

JWD P/N:

S06202BA

REV:

R1

DESCRIPTION:

Transformer

Meet AEC-Q200 Standard

BMS Application

CUSTOMER APPROVAL		COMPANY APPROVAL	
INSPECTED BY:		ISSUED BY:	Bob
CHECKED BY:		CHECKED BY:	
APPROVED BY:		APPROVED BY:	
APPROVED DATE:		ISSUED DATE:	2023/9/28

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

四川经纬达科技集团有限公司

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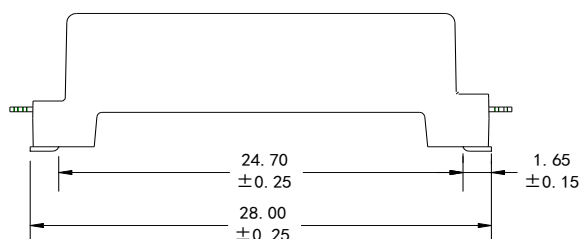
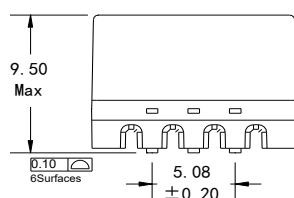
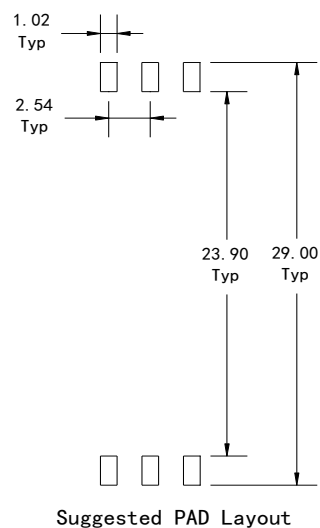
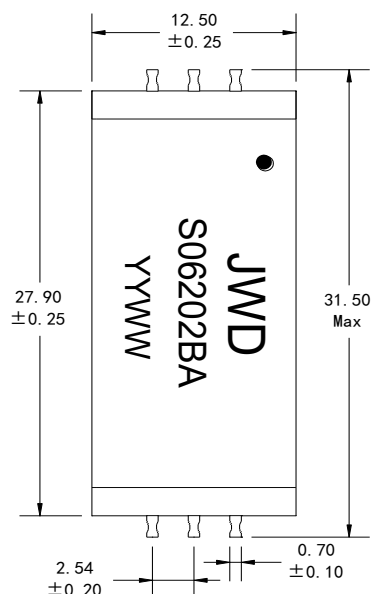




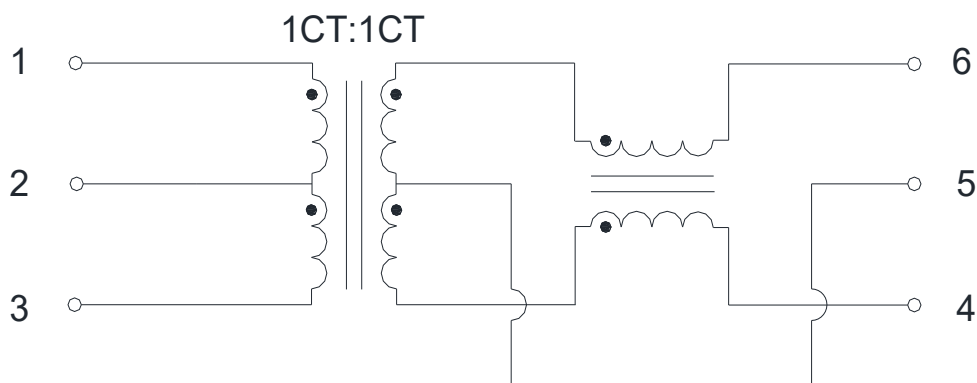
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A. MECHANICAL(unit:mm)



B. SCHEMATICS



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C. ELECTRICAL SPECIFICATIONS @25°C

1. OCL(TD & RD): 150uH Min. @ 100 KHz, 0.1V(-40°C ~ +125°C)
2. Leakage Inductance(TD & RD, TX & RX shorted): 0.6uH Max @ 100KHz, 0.1V
3. DCR:Transformer side: 500mΩ Max
CM choke side: 600mΩ Max
4. Turns Ratio: 1CT:1CT±2%
5. Insertion Loss: -1.0 dB Max @ 4 MHz
6. Return Loss: -20 dB Min @ 4 MHz
7. Common Mode Rejection: -30 dB Min @ 1-100 MHz
8. Isolation Hipot: 6400VDC 1mA 60S (Equivalent to 4500VAC 1mA 60S) or 5400VAC 1mA 2s
9. Reinforced Insulation At a Working Voltage Of 1500VDC And The Creepage Distance Of 15mm Min
And The clearance distance Of 14mm Min
10. Operating Temperature: -40°C to +125°C
11. Storage Temperature(With Package): +10°C to +40°C
12. Storage Temperature(Without Package, Just For Components): -40°C to +125°C
13. RoHS Compliant

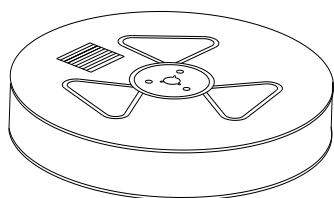
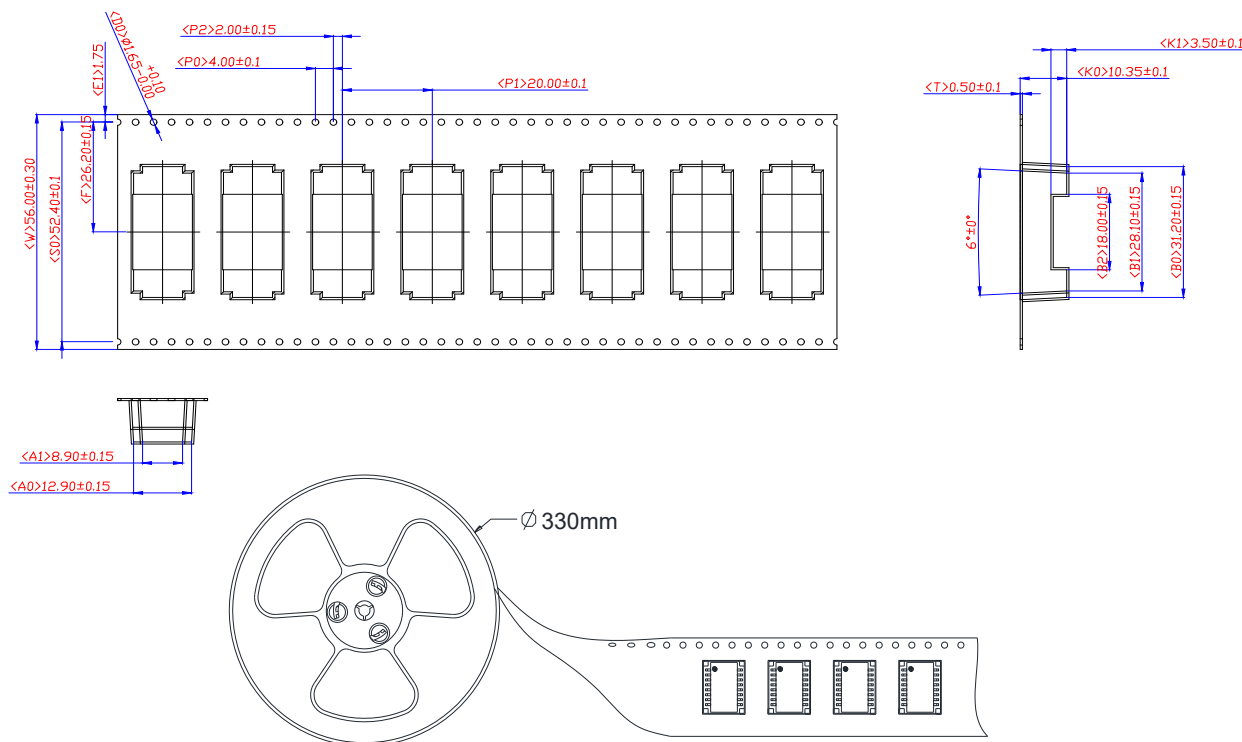
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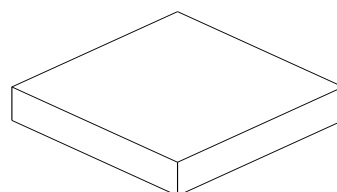
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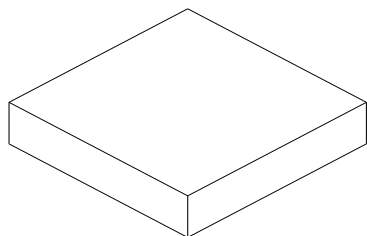
D. PACKAGE INFORMATION



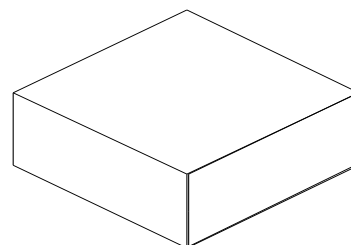
One Reel



Inner Carton



Five Inner Carton



Export Carton

Package Quantity:

One Reel=300Pcs

One Inner Carton=300*1=300Pcs

One Export Carton=300*5=1500Pcs

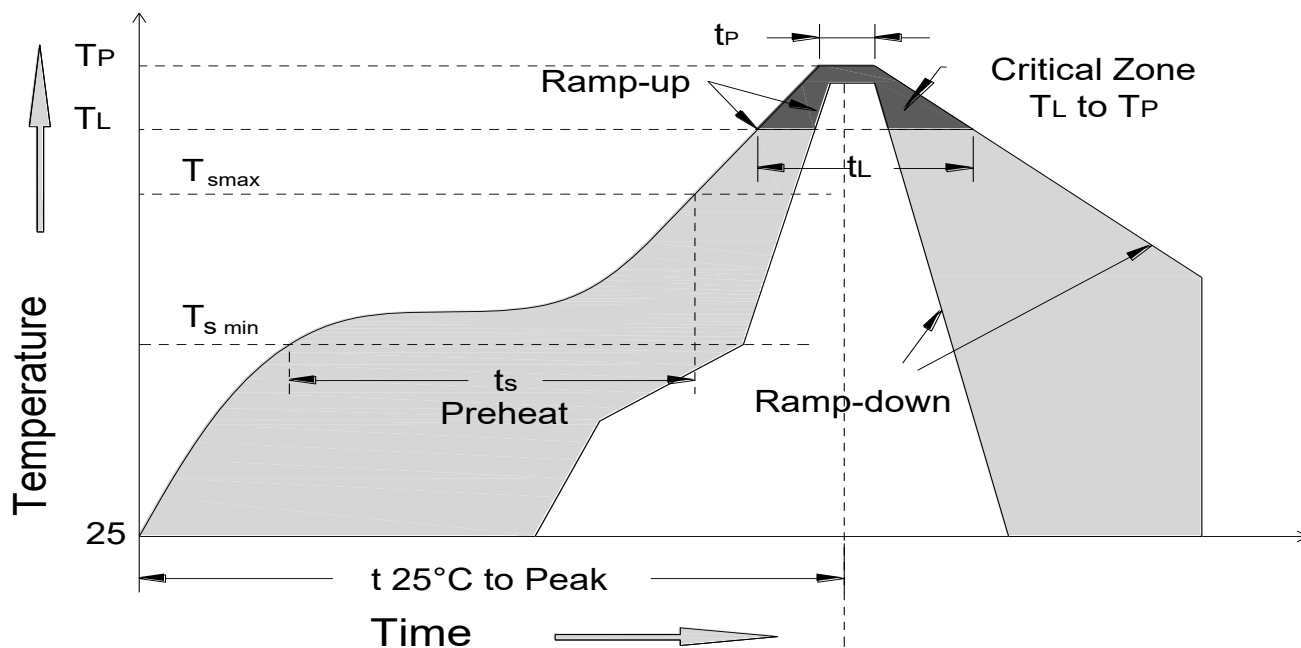
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E. RECOMMEND REFLOW SOLDERING CURVE



MSL:

Grade: 1 level. Floor life: 0.5 year Condition: $\leq 30^{\circ}\text{C}/60\%\text{RH}$.

Ramp up rate= $3^{\circ}\text{C}/\text{s}$ max Ramp down rate= $6^{\circ}\text{C}/\text{s}$ max

TL= 217°C tL=60s-150s Tp= $250\pm 3^{\circ}\text{C}$ Time within 5°C of actual Peak Temperature (tp): 20~40s

Ts min= 150°C Ts max= 200°C Ts min to Ts max: 60s-180s, 25°C to peak Temperature: 8minutes max

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