

# APPROVED SHEET

CUSTOMER:

CUSTOMER P/N:

JWD P/N:

S06707BA

REV:

R0


DESCRIPTION:

Transformer

Meet AEC-Q200 Standard

BMS Application

1CT: 1CT

CUSTOMER APPROVAL		COMPANY APPROVAL	
			
INSPECTED BY:		ISSUED BY:	Mingrui Song
CHECKED BY:		CHECKED BY:	/
APPROVED BY:		APPROVED BY:	Focus, Wang
APPROVED DATE:		ISSUED DATE:	2019/8/21

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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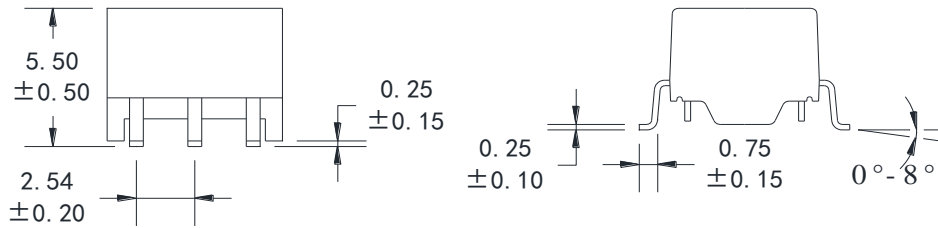
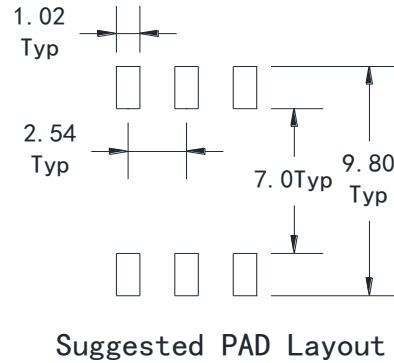
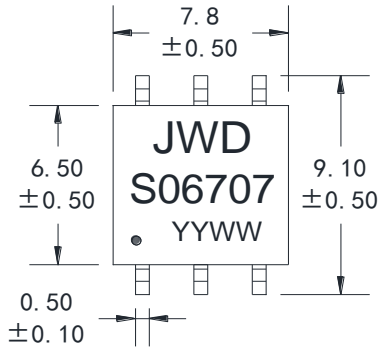




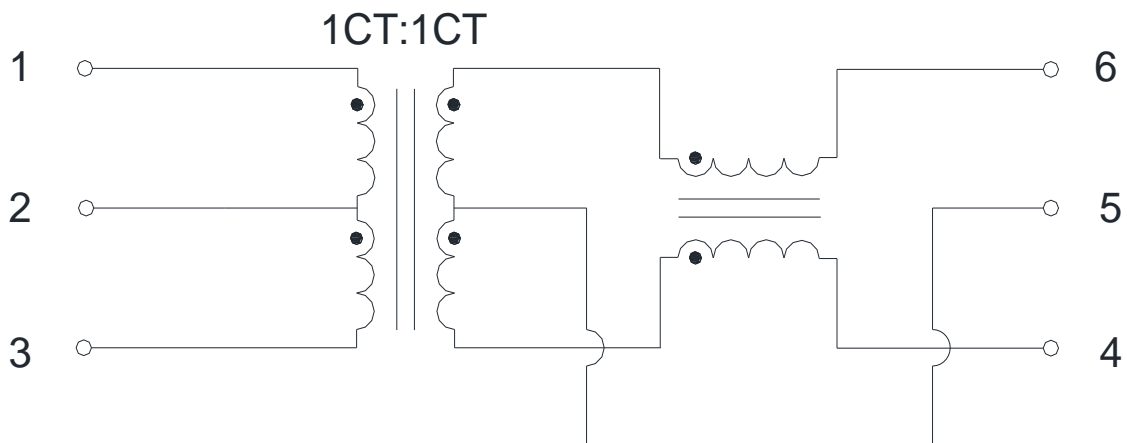
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## A. MECHANICAL(unit:mm)



## B. SCHEMATICS



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## C. ELECTRICAL SPECIFICATIONS @25°C

1. OCL: 150 uH Min @ 100 KHz, 0.1V
2. Leakage Inductance: 0.5uH Max @ 100KHz, 0.1V
3. DCR: (1 to 3) 700mΩ Max  
(6 to 4) 1000mΩ Max
4. Turns Ratio: 1CT:1CT±5%
5. Insertion Loss: -0.5 dB Max @ 4 MHz
6. Return Loss: -20 dB Min @ 4 MHz
7. Common Mode Rejection: -35 dB Min @ 1-100 MHz
8. Isolation Hipot: 4300VDC 1mA 60s or 3100VAC 1mA 2s
9. Operating temperature -40°C to +125°C
10. Storage Temperature(With Package): +10°C to +40°C
11. Storage Temperature(Without Package, Just For Components): -40°C to +125°C
12. RoHS Compliant
13. Qualification: Meet AEC-Q200

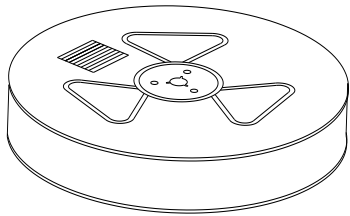
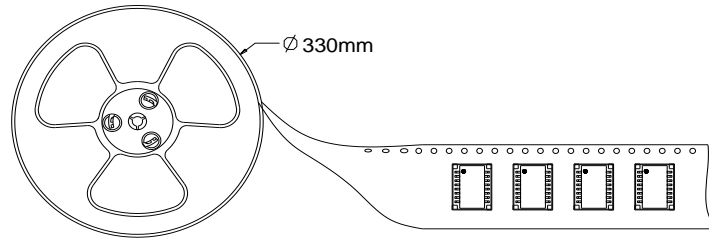
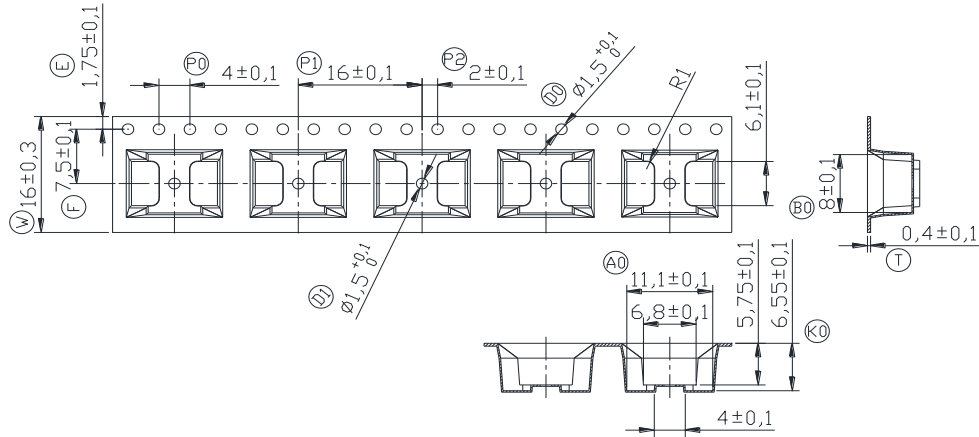
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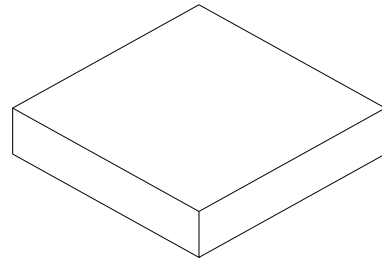
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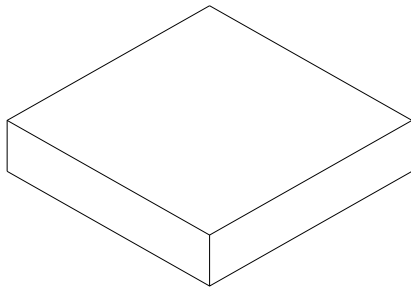
## D. 包装信息(PACKAGE SPECIFICATION)



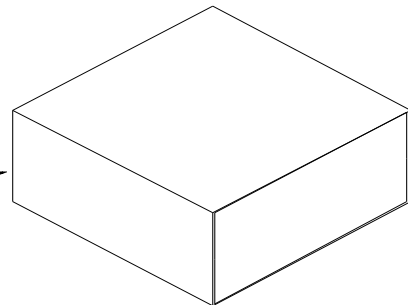
Four Reel



Inner Carton



Two Inner Carton



Export Carton

Package Quantity:

One Reel=600Pcs

One Inner Carton=600\*4=2400Pcs

One Export Carton=2400\*2=4800Pcs

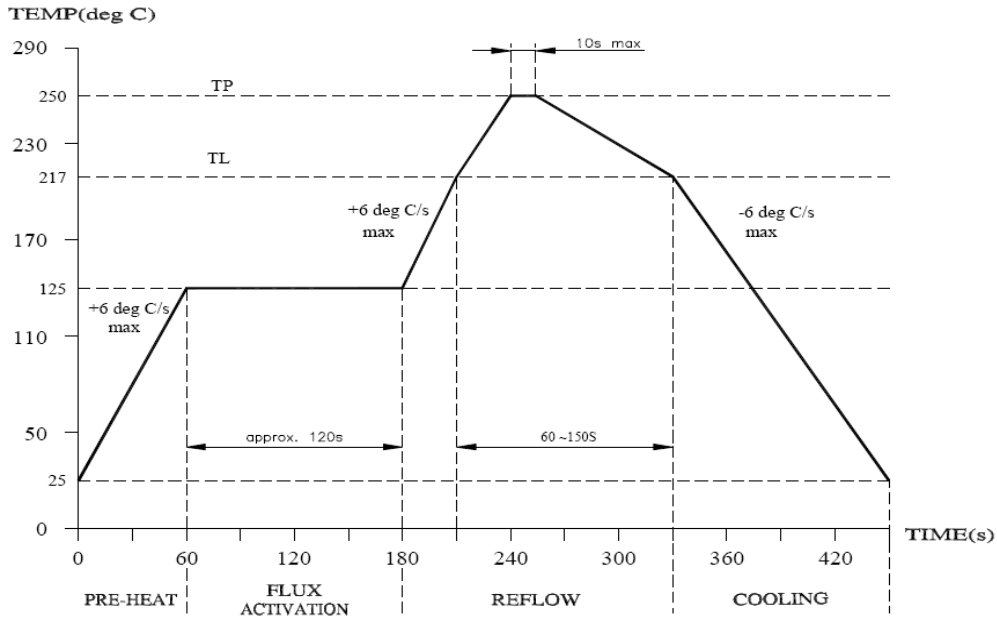
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## E. RECOMMEND REFLOW SOLDERING CURVE



MSL:

Grade: 1 level. Floor life: 0.5 year Condition:  $\leq 30$  °C/60%RH.

Ramp up rate=3 °C/s max Ramp down rate=6 °C/s max

TL=217 °C tL=60s-150s Tp=250 $\pm$ 3 °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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