

# APPROVED SHEET

CUSTOMER: \_\_\_\_\_

CUSTOMER P/N: \_\_\_\_\_

JWD P/N:

S16002GA

REV:

R0

DESCRIPTION:

10/100 BASE-TX

Automotive application

Meet AEC-Q200 Standard

CUSTOMER APPROVAL		COMPANY APPROVAL	
INSPECTED BY:		ISSUED BY:	Bob
CHECKED BY:		CHECKED BY:	Mingrui, Song
APPROVED BY:		APPROVED BY:	Focus Wang
APPROVED DATE:		ISSUED DATE:	2021/1/15

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

Sichuan Jingweida Technology Group Co., Ltd

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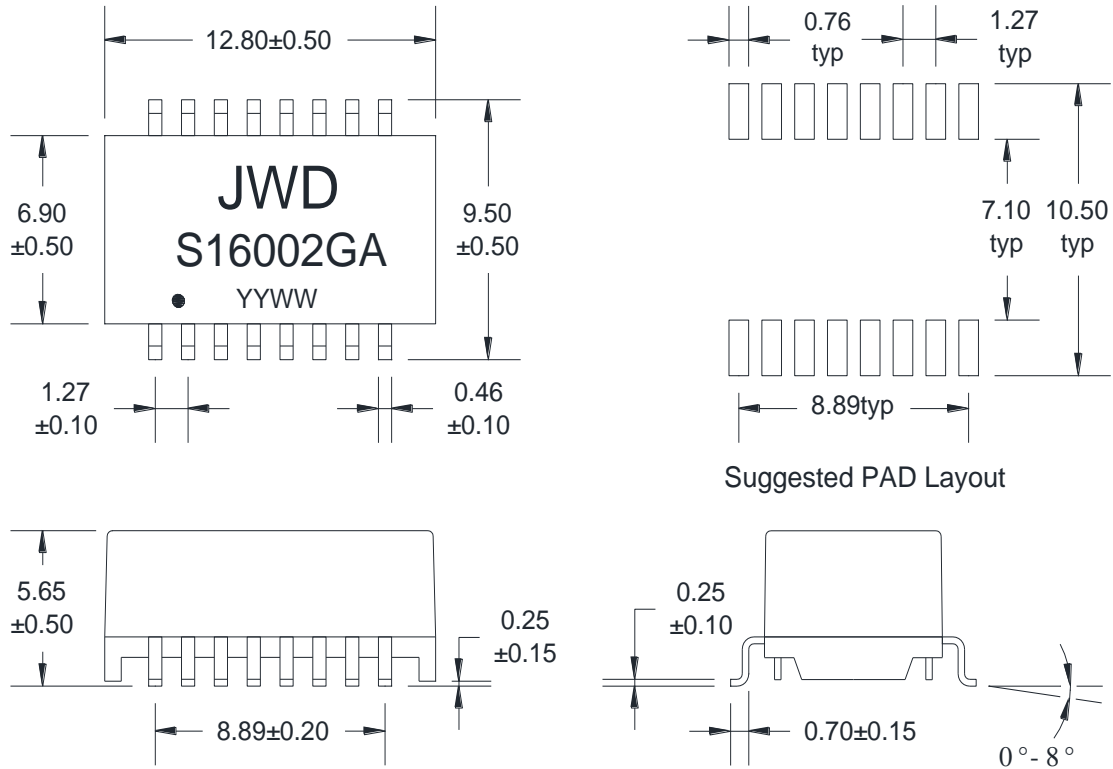
WEB: www.myjwd.com



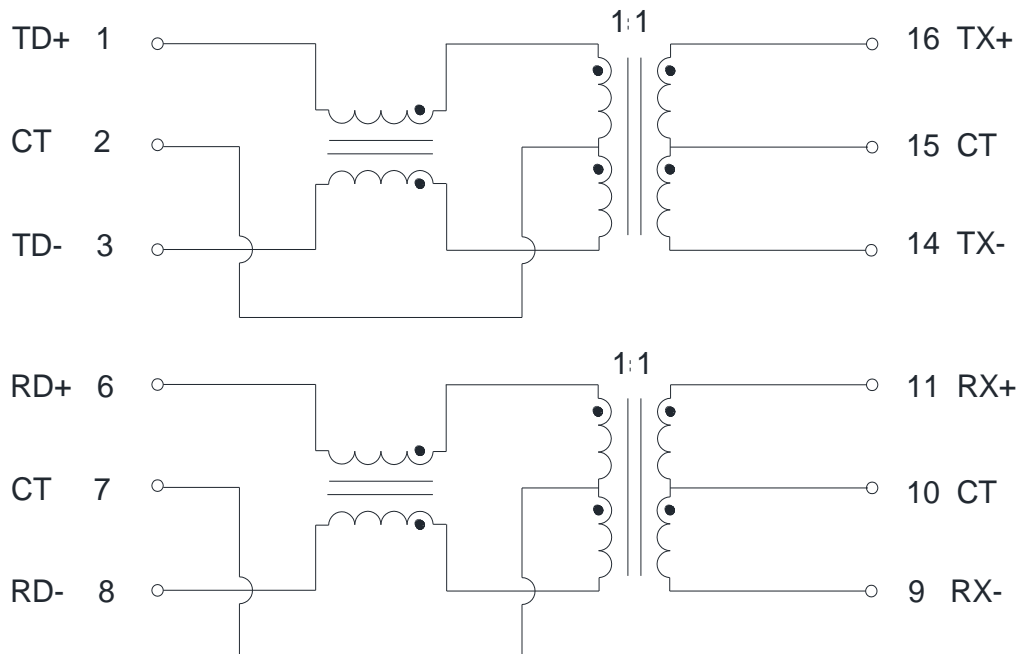
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## A. MECHANICAL(unit:mm)



## B. SCHEMATICS



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## C. ELECTRICAL SPECIFICATIONS @25°C

1. OCL: 350uH Min @ 100 KHz, 0.1V with 8mA DC BIAS
2. Leakage Inductance: 0.5uH Max @ 100KHz, 0.1V
3. DCR: Pri: 1.4 OHM Max  
Sec: 1.0 OHM Max
4. Turns Ratio: 1CT:1CT±5%
5. Insertion Loss: -1.1 dB Max @ 1-100 MHz
6. Return Loss: -18 dB Min @ 1-30 MHz  
-13 dB Min @ 30-60 MHz  
-12 dB Min @ 60-80 MHz
7. Cross Talk: -40 dB Min @ 1-60 MHz  
-35 dB Min @ 60-100 MHz
8. Common Mode Rejection: -37 dB Min @ 1-60 MHz  
-30 dB Min @ 60-100 MHz
9. Isolation Hipot: 1500VAC 1mA 60S
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. Compliant with IEEE 802.3 standard.
14. RoHS compliant.
15. AEC-Q200 tested

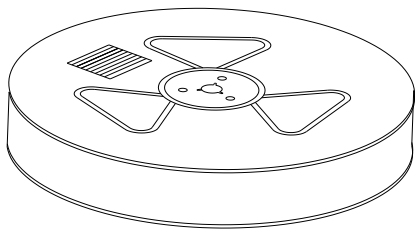
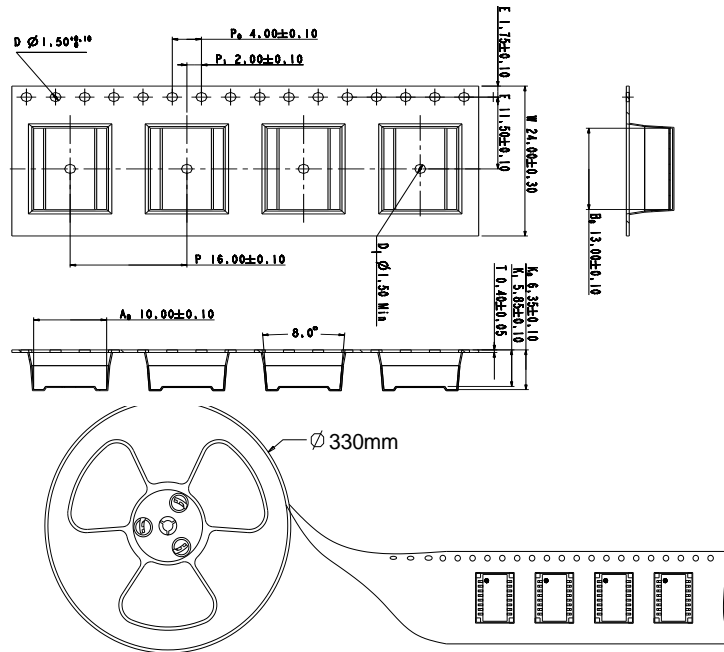
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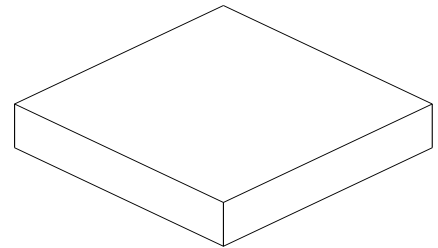
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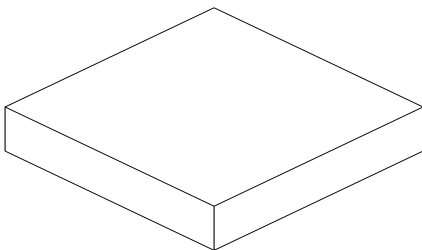
## D. PACKAGE INFORMATION



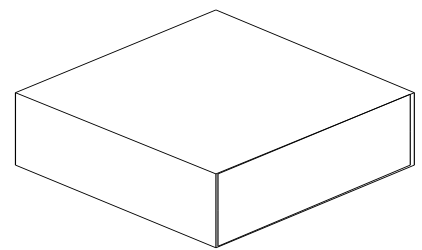
Three Reel



Inner Carton



Two Inner Carton



Export Carton

Package Quantity:

One Reel=600Pcs

One Inner Carton=600\*3=1800Pcs

One Export Carton=1800\*2=3600Pcs

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