

APPROVED SHEET

CUSTOMER: _____

CUSTOMER P/N: _____

YX P/N: _____

DIP4801-AG

REV: _____

R4

DESCRIPTION: _____

100/1000 BASE-T Dual PORT LAN FILTER

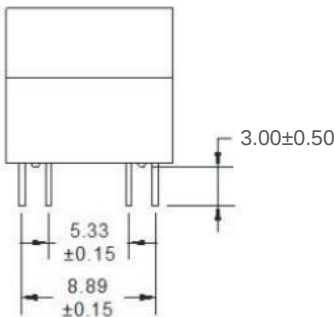
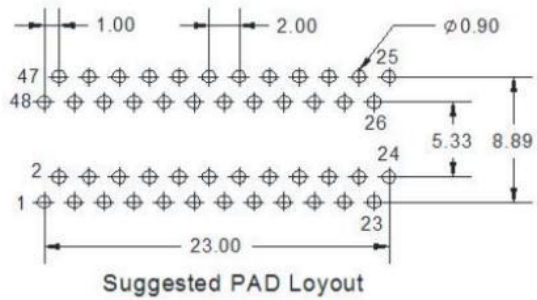
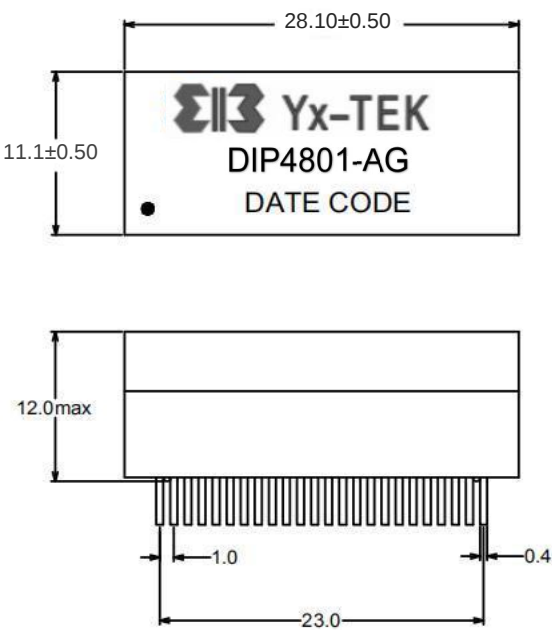
CUSTOMER APPROVAL		COMPANY APPROVAL	
			
INSPECTED BY:		ISSUED BY:	Yang.Z
CHECKED BY:		CHECKED BY:	HaiCh.L
APPROVED BY:		APPROVED BY:	Mcdull
APPROVED DATE:		ISSUED DATE:	Nov.09.2023

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

RECORD OF REVISION

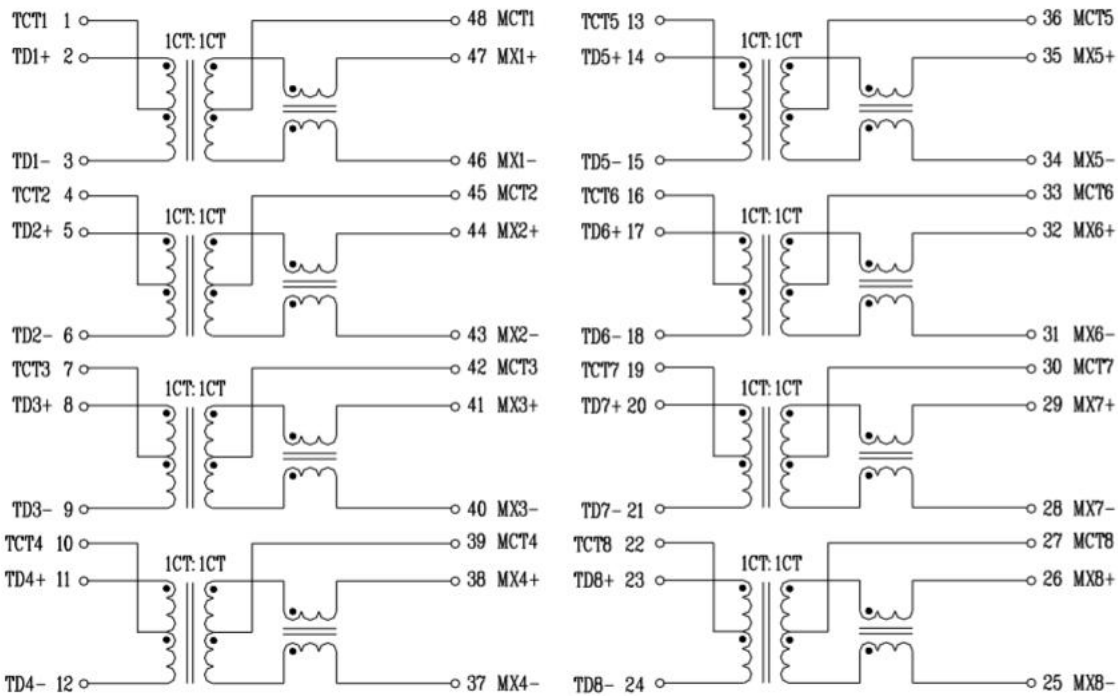
Rev	Description of changes	Date
R0	新版作成	2020/11/20
R1	更新MECHANICAL说明	2021/08/18
R2	增加MECHANICAL说明	2023/04/23
R3	增加ELECTRICAL说明	2023/08/08
R4	更新ELECTRICAL说明与增加焊接曲线说明	2023/11/09
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A: MECHANICAL



Unless otherwise specified all tolerances are:±0.25 mm

B: SCHEMATICS

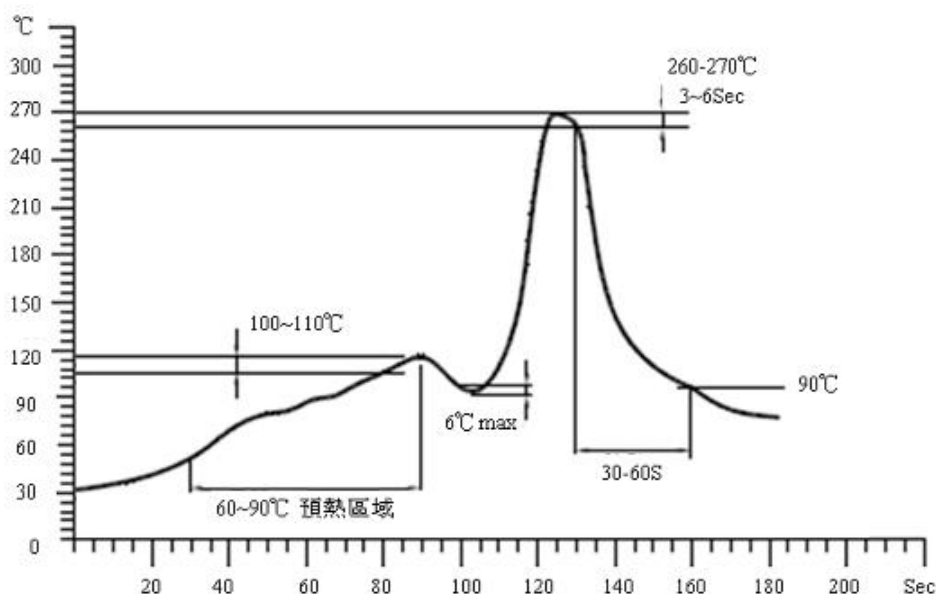


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C. ELECTRICAL SPECIFICATIONS @25℃

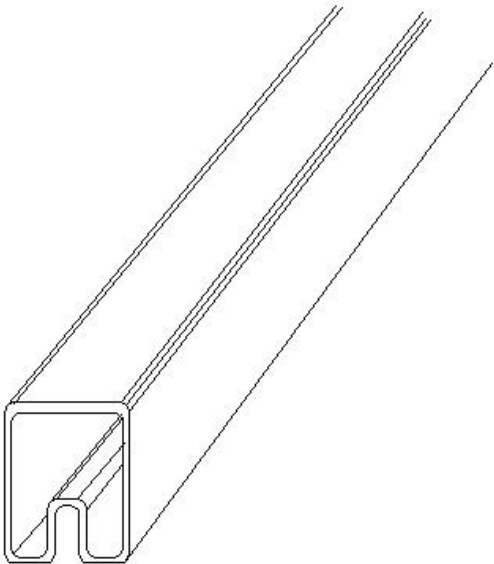
1. Meets IEEE 802.3af and ANSIX 3.263 standards POE applications with 350mA Current Capability.
2. OCL: 350 uH Min @ 100 KHz, 0.1V with 8mA DC Bias
3. Leakage Inductance: 0.5uH Max @ 100KHz, 0.1V
4. DCR: 1400mΩ Max
5. Turns Ratio: 1CT:1CT±5%
6. Insertion Loss: -1.1 dB Max @ 0.5-100 MHz
7. Return Loss: -18 dB Min @ 0.5-40 MHz
 $-12+20*\log(f/80)$ dB Min @ 40.1-100 MHz
8. Cross Talk: -35 dB Min @ 0.5-40 MHz
 $-33+20*\log(f/50)$ Min @40.1-100 MHz
9. Common Mode Rejection: -30 dB Min @ 0.5-100 MHz
10. Isolation Hipot: 1500VAC 1mA 60S
11. Operating temperature : -40℃ to +85℃
12. Storage temperature : -25℃ to +105℃
13. MSL: grade1.
14. Compliant RoHS.

D、 THE RECOMMENDED WAVE SOLDERING CURVE IS AS BELOW

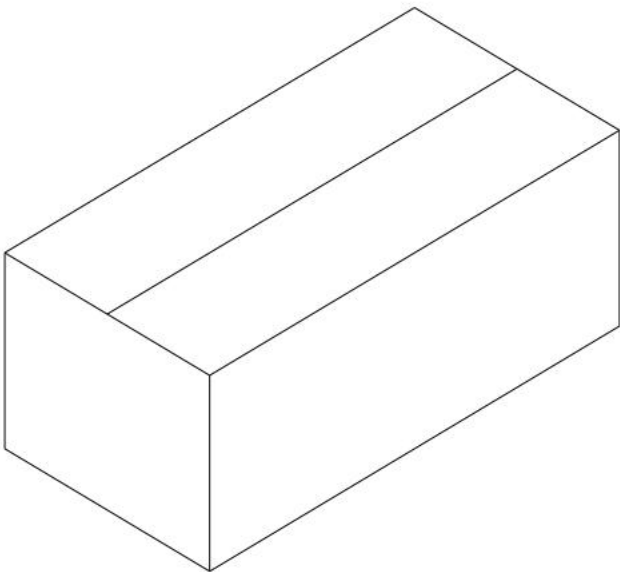


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E. PACKAGE INFORMATION



One Tube =18Pcs



Package Quantity

One Tube =18Pcs

One Export Carton=2880Pcs

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