

APPROVED SHEET

CUSTOMER: 快特

KM P/N: KM48SG001 G

P/N:

REV: R2

DESCRIPTION: 100/1000 BASE-T

Laser Marking

CUSTOMER APPROVAL		COMPANY APPROVAL	
INSPECTED BY:		ISSUED BY:	
CHECKED BY:		CHECKED BY:	/
APPROVED BY:		APPROVED BY:	
APPROVED DATE:		ISSUED DATE:	2020-1-8

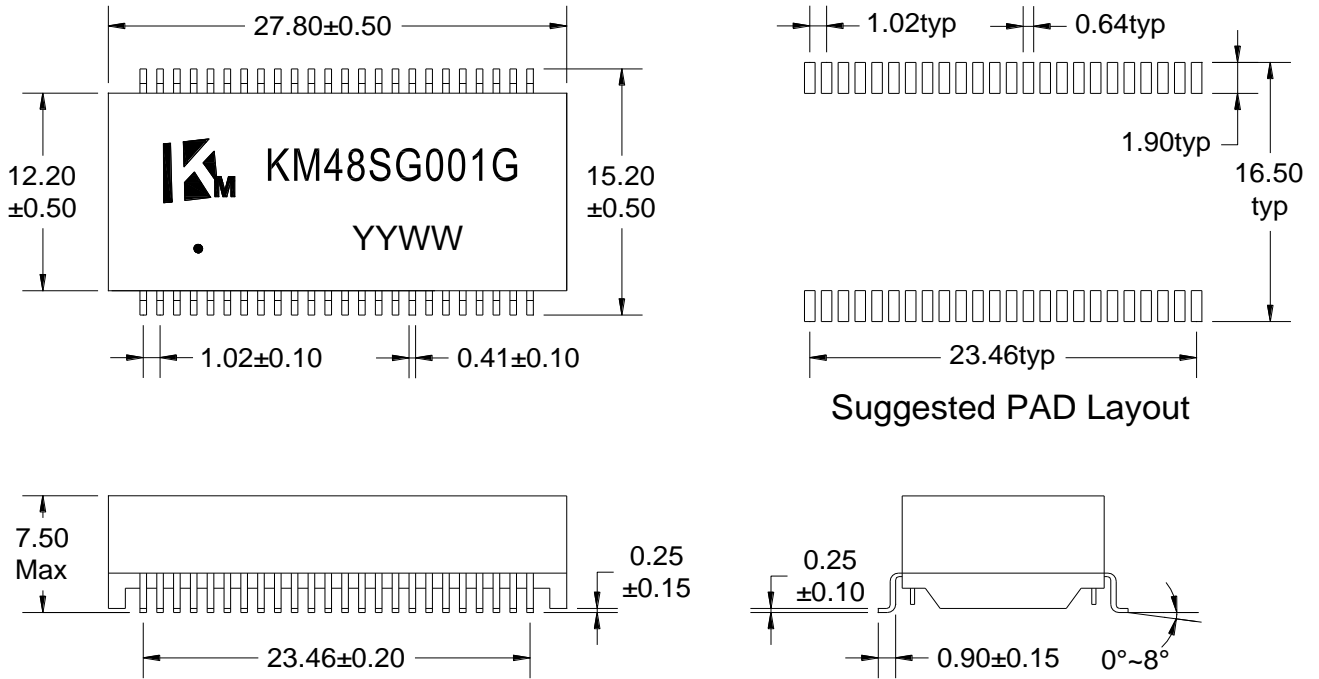
Please Return One Copy to Us After Approved,TKS! (承认后请回寄一份,谢谢)

金磁股份有限公司

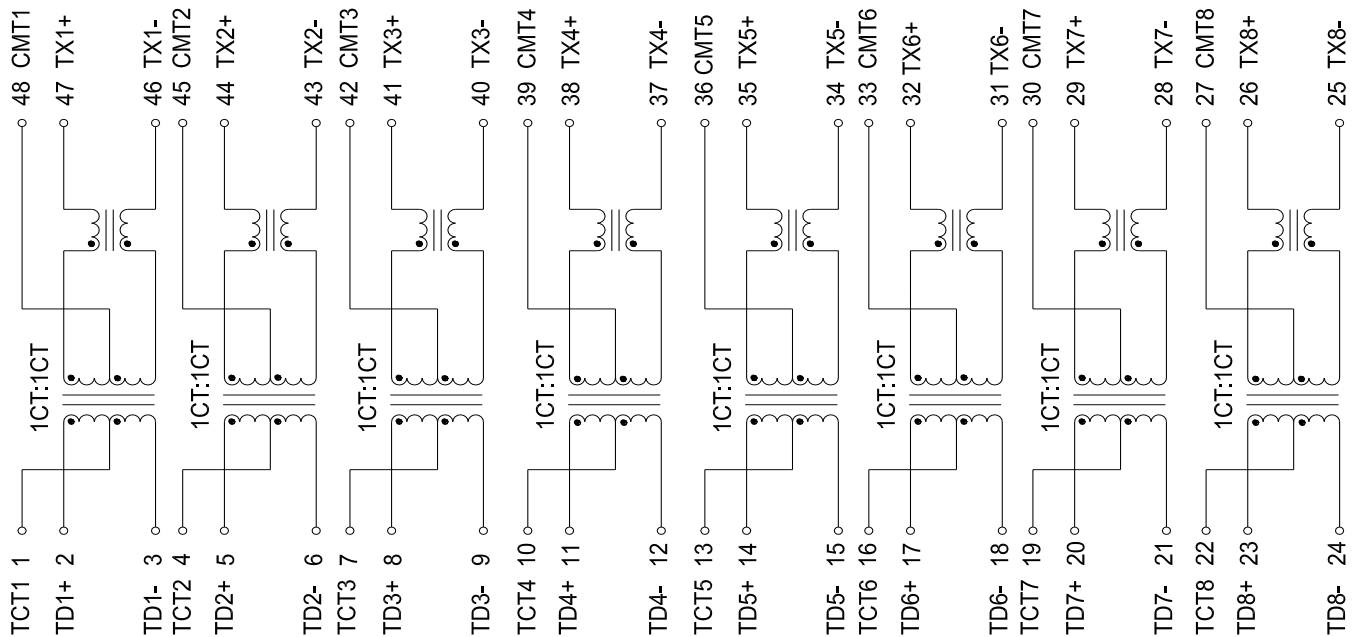
Kingmag Corporation ., Ltd .

RECORD OF REVISION			
Rev	Description of changes	Date	
R0	新版发行	2016-6-15	
R1	应客户要求, 修正LK标准、变更为激光印字	2018-7-26	
R2	应客户要求, 变更包装载带间距, 同步更新包装数量	2020-1-8	
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A. MECHANICAL(unit:mm)



B. SCHEMATICS



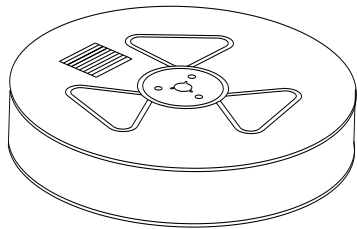
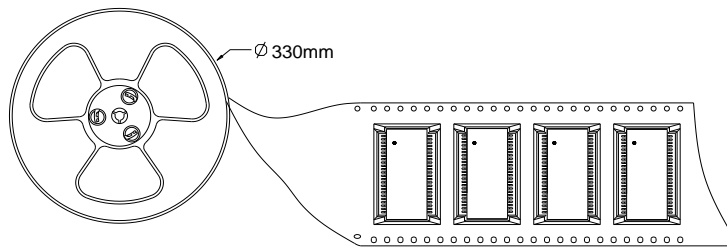
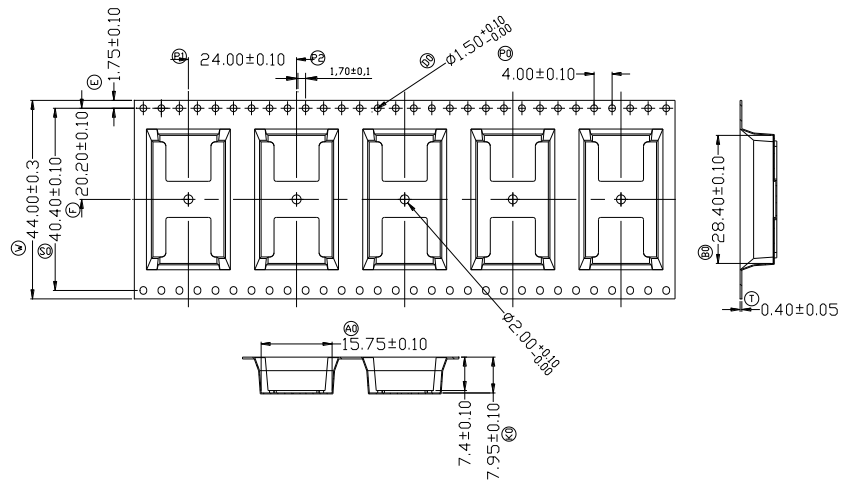
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C. ELECTRICAL SPECIFICATIONS @25°C

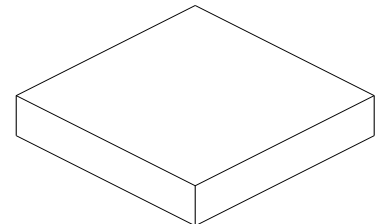
1. OCL: 350uH Min @ 100 KHz, 0.1V with 8mA DC BIAS
2. Leakage Inductance: 0.35uH Max @ 100KHz, 0.1V
3. DCR: 1400mΩ Max
4. Turns Ratio: 1CT:1CT±5%
5. Insertion Loss: -1.1 dB Max @ 1-100 MHz
6. Return Loss: -18 dB Min @ 1-30 MHz
 - 14.4 dB Min @ 40 MHz
 - 13.1 dB Min @ 50 MHz
 - 12 dB Min @ 60-80 MHz
 - 10 dB Min @ 100 MHz
7. Cross Talk: -30 dB Min @ 1-100 MHz
8. Common Mode Rejection: -30 dB Min @ 1-100 MHz
9. Isolation Hipot: 1500VAC 1mA 60S
10. Operating temperature 0°C to +70°C
11. Storage temperature -20°C to +125°C
12. MSL: Grade: 1 Level. Floor life: 1 year Condition: ≤30°C/60%RH

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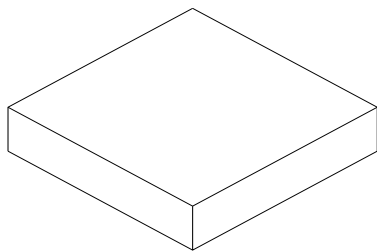
D. PACKAGE INFORMATION



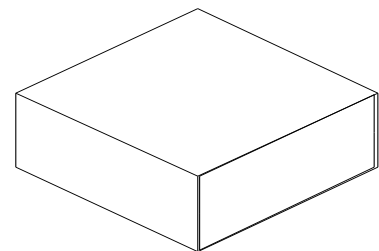
Two Reel



Inner Carton



Two Inner Carton



Export Carton

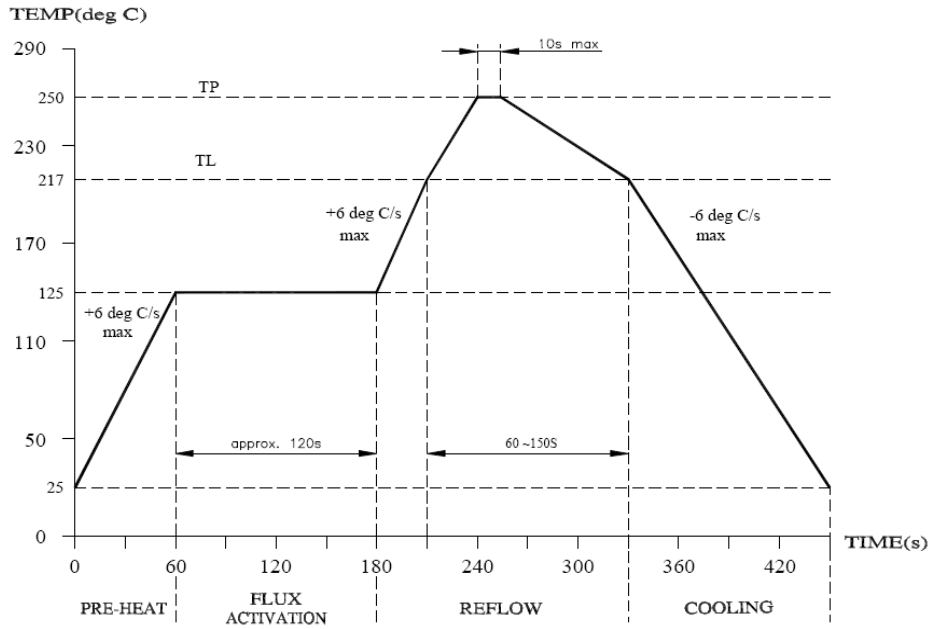
Package Quantity:

One Reel=300Pcs

One Inner Carton=300*2=600Pcs

One Export Carton=600*2=1200Pcs

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E. RECOMMEND REFLOW SOLDERING CURVE


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