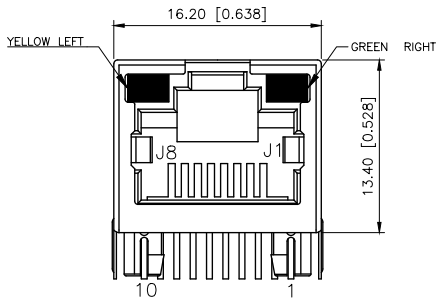
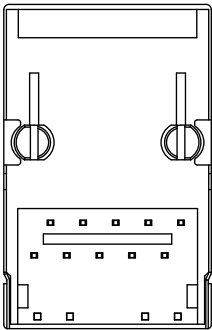


Top Side View

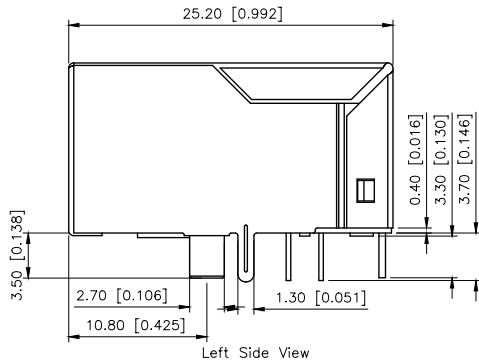


Front Side View

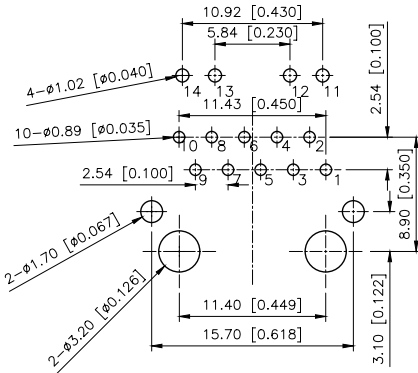


Bottom Side View

ELECTRICAL SPECIFICATIONS 电气规格 @25℃
1.Turn Ratio 匝数比(±2%):
TX=1CT:1 RX=1CT:1CT
2.Inductance OCL 电感:350uH MIN
@100KHz/0.1V 8mA DC Bias
3.Insertion Loss 插入损耗: -1.0dB MAX @1-100MHz
4.Return Loss 回波损耗:
-18dB MIN @1-30MHz
-16dB MIN @30-45MHz
-14dB MIN @45-60MHz
-12dB MIN @60-80MHz
5.Cross talk 回串:-35dB MIN @1-100MHz
6.Common Mode Rejection 共模抑制:-35dB MIN @1-100MHz
7.Current Capability 涌流能力: 350mA
8.Hipot Isolation 高压绝缘隔离: 1500Vrms
9.Operating Temperature Range 工作温度: -40℃ TO +85℃

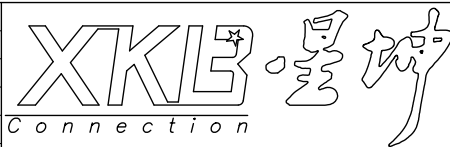


Left Side View



RECOMMENDED PCB LAYOUT
VIEWED FROM COMPONENT SIDE

AuGLAR	±5°
X.	±0.40
X.x	±0.30
X.xx	±0.20
X.xxx	±0.15
UNSPECIFIED TOLERANCES	



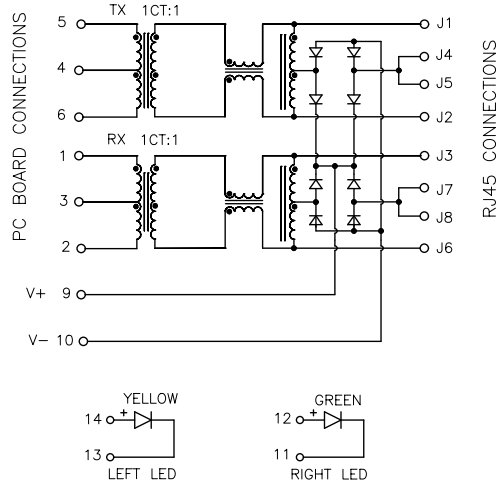
DESIGN	阿树	VIEW:		MODEL TYPE:	RJ JACK
CHECKED		UNIT:	mm/in	PART NO.:	X03AB127AB1A8D1
APPROVED		SIZE:	A4	DWG NO.:	X-X03AB127AB1A8D1

XKB INDUSTRIAL PRECISION CO.,LIMITED

SCALE	PAGE	REVISION
N/A	1/1	A1

REVISIONS					
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A0	N/A		INITIAL RELEASE	/	/
A1	N/A		图面升级整理图面	2025.04.30	阿树

NOTES 备注:
1.Designed to support application,such as SOHO(ADSL modems),LAN-on-Motherboard(LOM),hub and Switches.
2.Meets IEEE 802.3af specification
3.Connector Materials 连接器的材料:
Housing 胶壳: Thermoplastic PBT+30%G.F UL94V-0
Contact 接触点: Phosphor Bronze C5210R-EH Thickness=0.35mm
Pins PIN脚: Brass C2680R-H Thickness=0.35mm
Shield 屏蔽壳: SUS 201-1/2H Thickness=0.2mm
Contact plating 接触点电镀: Gold 6 micro-inches min.In contact area.
4.Wave solder tip temperature 波浪式焊点温度: 265℃ Max, 5 Sec Max



LED Specification			
Emitting Color	LED Wavelength	VF@IF=20mA	IR @VR=5V
Green	568nm	1.8~2.6V	10µA max
Yellow	585nm	1.8~2.6V	10µA max