

REVISONS

REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A0	N/A		INITIAL RELEASE	/	/
A1	N/A		图面升级整理图面	2025.04.22	阿树

ELECTRICAL电气:

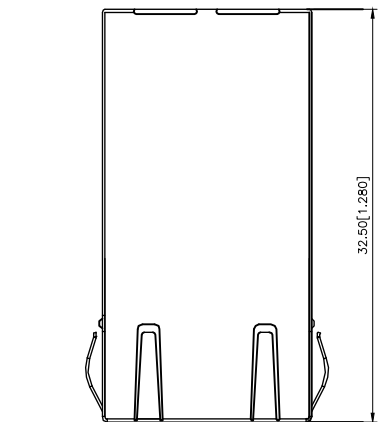
- Turn ratio 匝数比: 11~10: J1~J2=1CT:1CT(±2%)
4~5: J3~J6=1CT:1CT(±2%)
3~2: J4~J5=1CT:1CT(±2%)
8~9: J7~J8=1CT:1CT(±2%)
- OCL 已占搭载量: 350uH Min.at 100KHz 100mV
RMS(4Channel) 8mA DC BIAS.
- Insertion Loss 插入损耗: -1.0 dB Max 1~100MHz
- Return loss 回程损耗: -18dB Min 1~30MHz
-14dB Min 30~60MHz
-12dB Min 60~80MHz
-10dB Min 80~100MHz
- Cross talk 声道串扰: -40dB Min 1~30MHz;
-35dB Min 30~60MHz;
-30dB Min 60~100MHz;
- CMR 共模抑制: -30dB Min 1~100MHz;
- Hi-Pot 耐压测试: 1500V & 2250V DC 6S 1mA PRI TO SEC
- Single port magnetic jack POE magnetics acc.
To IEEE802.3at for PSE or PD applications.
符合IEEE802.3的单端口磁性插孔POE磁性元件,
用于PSE或PD应用。
- 100% of production tested to comply with
IEEE 802.3 isolation requirements balanced DC
line current 350mA max. @44~57V DC continuous.
100%的产品经过测试, 符合IEEE 802.3隔离要求,
在44~57V直流连续电压下, 平衡直流线路电流最大为350mA。

MATERIAL 材料:

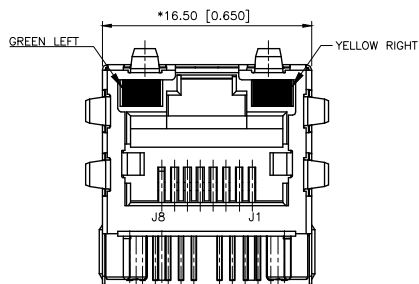
HOUSING 外壳: PBT,UL94V-0,BLACK.
TERMINALS BRACKET 端子支架: PBT,UL94V-0,BLACK.
SHIELD 保护物: C2680,T=0.20MM,NICKEL PLATING ON ALL AREA.
TERMINAL 端子: PHOSPHOR BRONZE C5210,T=0.35MM,
GOLD PLATING ON CONTACT AREA.

MECHANICAL 机械:

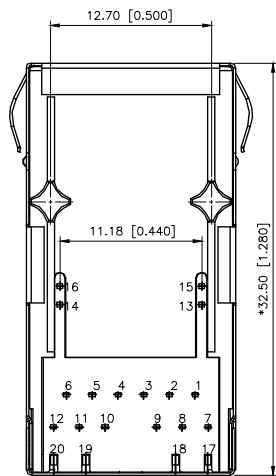
DURABILITY 耐用性: 750 CYCLES MIN.
MATING FORCE 配合力: 23N MAX.
OPERATING TEMPERATURE 工作温度: -40°C~+85°C.
STORAGE TEMPERATURE 储存温度: -40°C~+85°C.
ALL CRITICAL DIMENSIONS WITH "A"



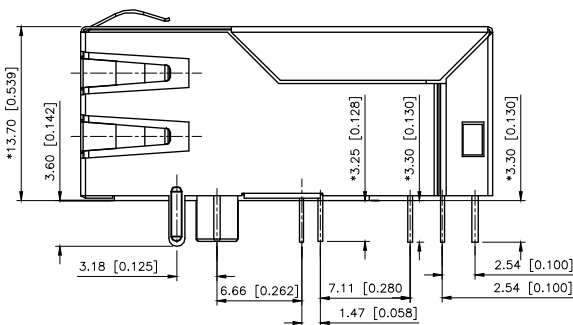
TOP VIEW



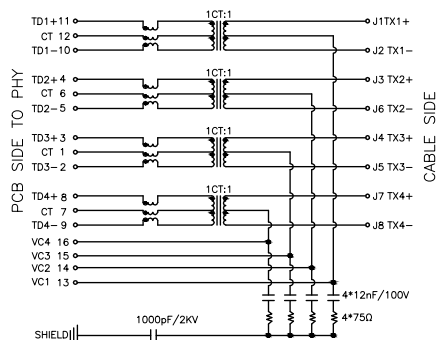
FRONT VIEW



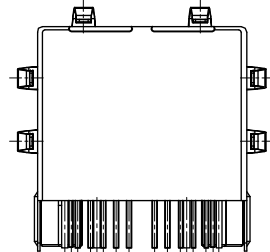
BOTTOM VIEW



RIGHT SIDE VIEW



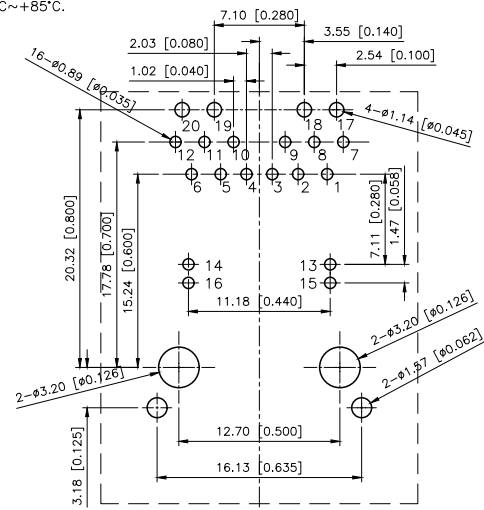
CABLE SIDE



BACK VIEW

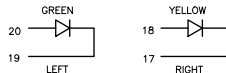
X04AQ117DB2AD4P

1:Au=1U"
3:Au=3U"
4:Au=6U"
5:Au=15U"
6:Au=30U"

RECOMMENDED PCB LAYOUT
VIEWED FROM COMPONENT SIDE

LED Specification

Standard LED Color	LED Wavelength	Foward(A)	Foward(V)
Green	568nm	20mA	1.85~2.45V
Yellow	585nm	20mA	1.7~2.2V



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.: X04AQ117DB2AD4P
APPROVED		SIZE: A4	DWG NO.: X-X04AQ117DB2AD4P
XKB INDUSTRIAL PRECISION CO.,LIMITED			SCALE N/A
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			REVISION A1