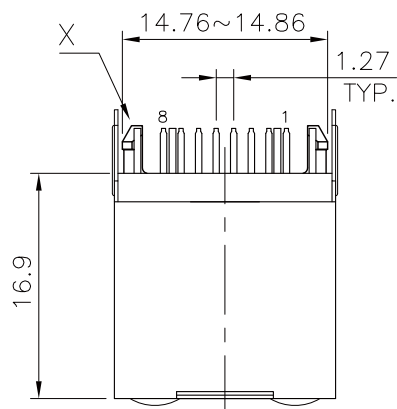
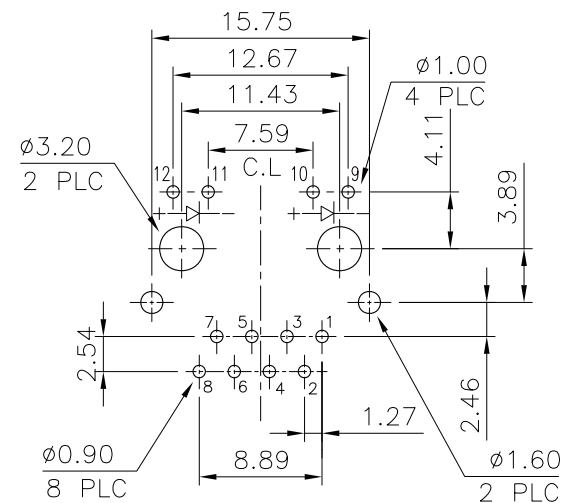
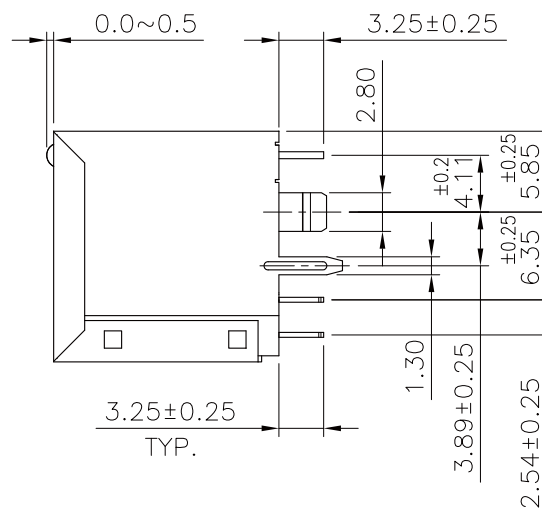
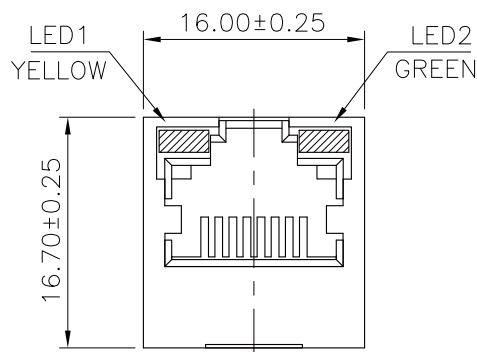


DETAIL X



PCB Layout
Ref.

- MATERIAL:**
- HOUSING—PBT POLYESTER UL94V-0 MIXED GLASS FIBER. STANDARD COLOR—BLACK
 - CONTACTS—0.35mm THICK PHOS-BRONZE PLATED WITH HARD GOLD AND GOLD FLASH IN SOLDER AREA.
 - SHIELD—0.25mm THICK COPPER ALLOY, PLATED WITH NICKEL.
- CAVITY CONFIRMS TO FCC RULES AND REGULATIONS PART 68,SUBPART F.

MORETHANALL
PCB CONNECTORS
Cable ASSEMBLIES

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DRAWING BY CY

CHECKED BY GENIUS

UNIT / mm

SCALE 1 : 1

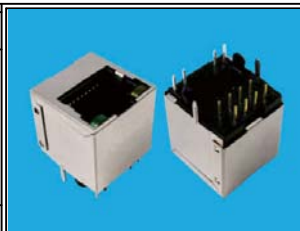
DATE

SIZE A4

TOLERANCES ARE

X. ±
.X ±
.XX ±
.XXX ±
ANG ±

PPOJECTION



ORDER INFORMATION

MJDF17T25H-KX06B38YG-0808

SERIES

BLACK

LED1 :YELLOW 8P8C

LED2 :GREEN

REAR TAB 3.89mm

06u" GOLD

NON EAR

DESCRIPTION: RJ45, WITH LED'S, SHIELDED, WITH TRANSFORMER, FLAT PIN, TOP ENTRY PCB JACK

TRANSFORMER TYPE 1

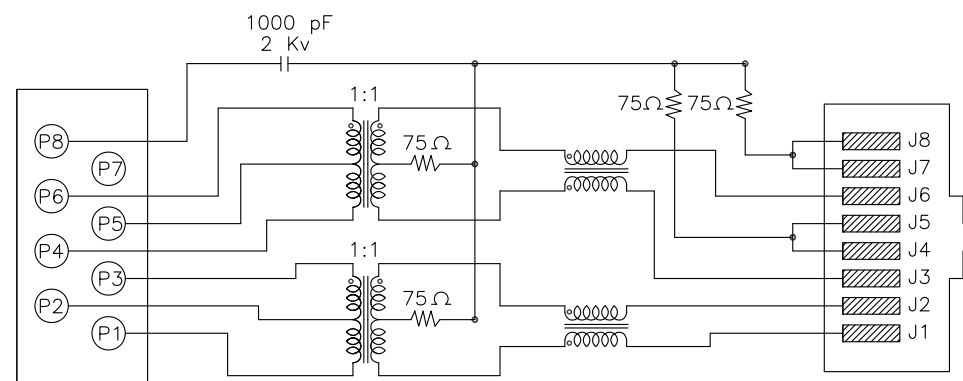
ELECTRICAL CHARACTERISTICS

TEST NOTES: (25°±5°C)

1. TR: (100KHz, 0.1V)
PINS:(P6-P5-P4):(J6,J3)=1CT:1CT±3%
PINS:(P3-P2-P1):(J2,J1)=1CT:1CT±3%
2. INDUCTANCE: (@0.1V, 100KHz, 8mA, DC Bias)
PINS: (P6-P4),(P3-P1)=350uH MINIMUM
3. DCR:
PINS: (J6-J3)=(J2-J1)=1.2 OHMS MAXIMUM
4. HIPOT:
PINS(J1,J2)TO(P1,P3)=1500VAC FOR 60 SECONDS
PINS(J3,J6)TO(P4,P6)=1500VAC FOR 60 SECONDS
5. LEAKAGE INDUCTANCE:
P6-P4 (WITH J6 AND J3 SHORT)=0.3 MAXIMUM, @1MHz
P3-P1 (WITH J2 AND J1 SHORT)=0.3 MAXIMUM, @1MHz
6. INSERTION LOSS:
-1.1dB MAXIMUM AT 1MHz TO 100MHz
7. RETURN LOSS:
-18dB MINIMUM AT 1MHz TO 30MHz
-12dB MINIMUM AT 60MHz TO 80MHz
8. CROSS TALK:
-30dB MINIMUM AT 1MHz TO 100MHz
9. COMMON TO COMMON MODE ATTENUATION:
-35dB MINIMUM AT 30MHz TO 100MHz
10. RISE TIME: RS=100 OHMS AND RL=100 OHMS
OUTPUT VOLTAGE=1 V PEAK=3.0 nS MAXIMUM
PULSE WIDTH=112 nS=3.0 nS MAXIMUM
11. INTERWINDING CAPACITANCE:
(P6,P5,P4)TO(J6,J3)=30pF MAXIMUM, @1MHz
(P3,P2,P1)TO(J2,J1)=30pF MAXIMUM, @1MHz

CONNECTOR SOLDER SIDE

RJ45
CONTACT SIDE



CONNECTOR SCHEMATIC

RoHS Compliant

TOLERANCES ARE

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DRAWING BY CY

CHECKED BY GENIUS

UNIT / mm

SCALE 1:1

DATE

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PPOJECTION

X. ±
.X ±
.XX ±
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DESCRIPTION: TRANSFORMER TYPE 1