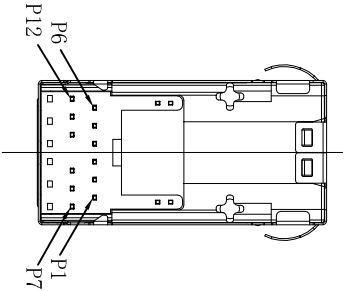
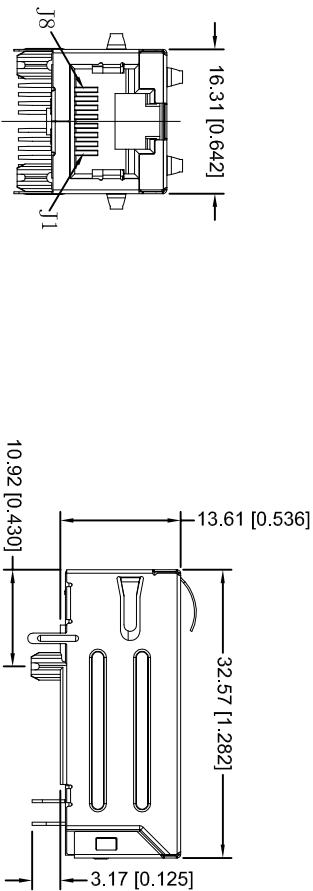


UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS TOLERANCES
IS ±0.254 / 0.010.



NOTES:

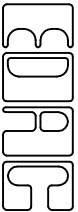
1. MATERIALS:
HOUSING: THERMOPLASTIC, PBT, UL94 V-0, COLOR: BLACK
CONTACTS: PHOSPHOR BRONZE PLATED WITH GOLD PLATING AND TIN IN SOLDER AREA

PART NO	GOLD PLATING THICKNESS
A60-112-200P471	GOLD FLASH PLATING
A60-113-200P471	15 MICRO INCHES OF GOLD
A60-114-200P471	30 MICRO INCHES OF GOLD

- SHIELD: BRASS WITH NICKEL PLATING
2. OPERATING TEMPERATURE: 0°C TO +70°C
 3. STORAGE TEMPERATURE: -40°C TO +85°C
 4. MATE WITH MODULAR PLUG CONFORMING TO FCC PART 68, SUBPART F.
 5. RECOMMENDED TEMPERATURE FOR WAVE SOLDERING IS 260°C MAX, 10 SEC MAX
 6. DIMENSION: MM [INCHES]



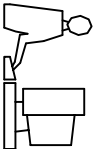
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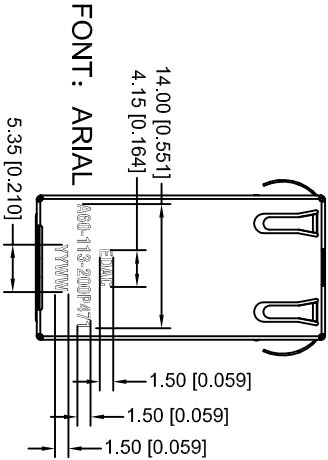
RJ45 MAGNETIC JACK WITHOUT LED, 12P, 8C
SHIELDED, 10/100/1000 Mbps FILTER

THIS IS A CAD GENERATED DRAWING
DO NOT MAKE MANUAL REVISIONS TO MASTER.



LABEL

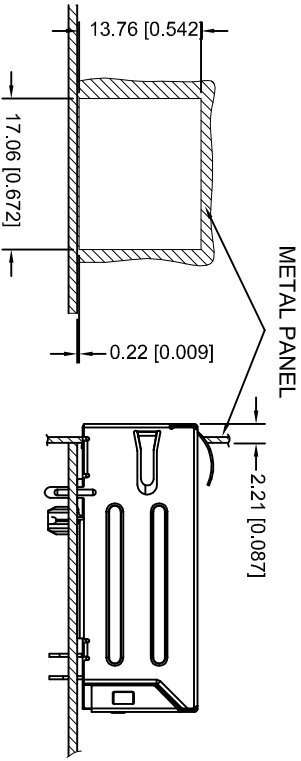
PLUG IN SIDE



FONT: ARIAL

TOLERANCES: ±0.10 / 0.004
UNIT: MM / INCH

SUGGESTED PANEL OPENING:



TOLERANCES: ±0.10 / 0.004
UNIT: MM / INCH

ACAD REFERENCE NO.: A60-113-200P471

DRAWN: R.STA.MONICA	DATE: NOV.19/2010
CHECKED: R.S.M.	DATE: APR. 21/2021

PART NUMBER

SEE NOTE

DRAWING NUMBER

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SHEET 1 OF 3

ISSUE

3

ISSUE NUMBER

ORIGINAL

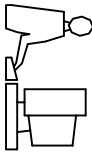
UPDATE DRAWING

R.STA.MONICA SEPT.23/2011

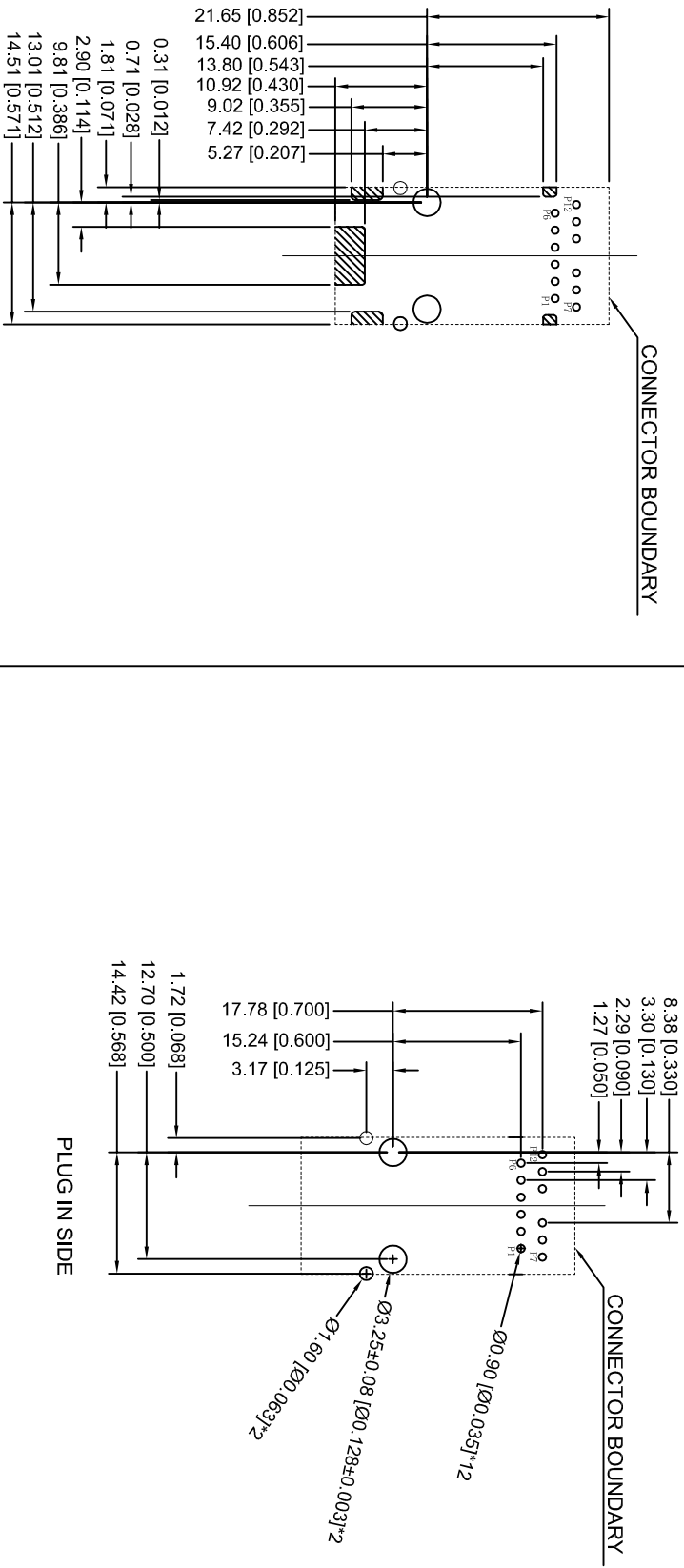
REDRAWN

APR. 21/2021

①
②
③



RECOMMENDED PWB LAYOUT
(COMPONENT SIDE VIEW):

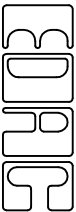


KEEP-OUT AREA
(COMPONENT SIDE VIEW):

PLUG IN SIDE

TOLERANCES: $\pm 0.10 / 0.004$
UNIT: MM / INCH

RJ45 MAGNETIC JACK WITHOUT LED, 12P, 8C
SHIELDED, 10/100/1000 Mbps FILTER



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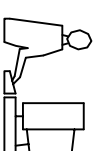
A60-112-200P471

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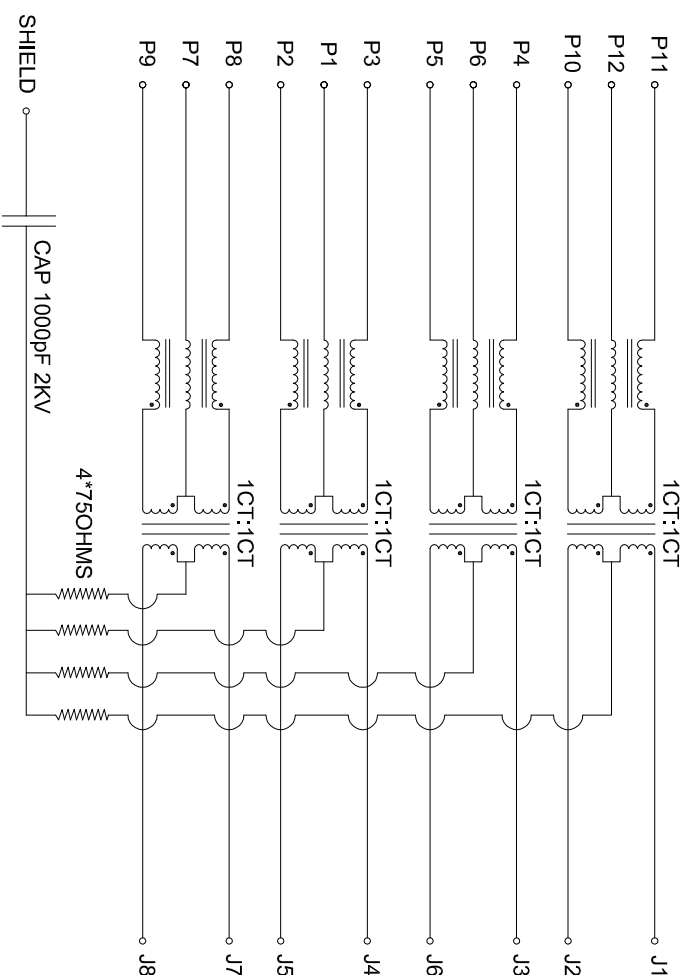
3



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CIRCUIT SCHEMATIC



ELECTRIC SPECIFICATIONS
TURN RATIO @100KHz: (P11~P10):(J1~J2) = 1:1±5%

(P4~P5):(J3~J6) = 1:1±5%
(P3~P2):(J4~J5) = 1:1±5%
(P8~P9):(J7~J8) = 1:1±5%

PRIMARY INDUCTANCE: 350UH MIN @100KHz,0.1V 8mA DC BIAS

DC RESISTANCE: 1.2 OHMS MAX
INSERTION LOSS: 1-100MHz -1.0Db MAX

100-125MHz -1.2Db MAX
RETURN LOSS: 1-40MHz -16Db MIN

40-60MHz -12Db MIN
60-80MHz -10Db MIN
80-100MHz -8Db MIN

CROSS TALK: 1-100MHz -30Db MIN
COMMON TO COMMON MODE ATTENUATION: 1-100MHz -30Db MIN
ISOLATION: PHY SIDE TO LINE SIDE: 2250VDC

RJ45 MAGNETIC JACK WITHOUT LED, 12P, 8C SHIELDED, 10/100/1000 Mbps FILTER

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