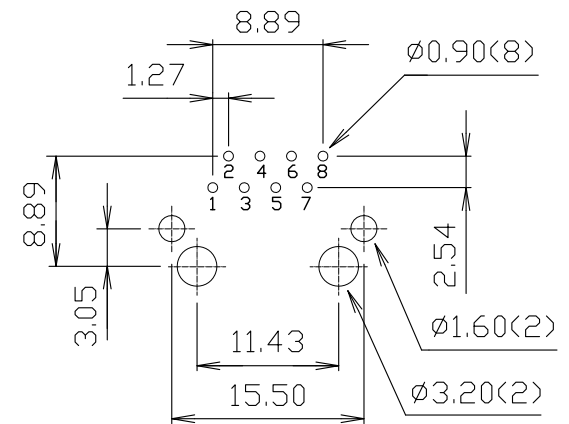


DETAIL Y

MATERIAL:

- HOUSING-PBT POLYESTER UL94V-0 MIXED GLASS FIBER. STANDARD COLOR-BLACK
- CONTACTS-0.35mm THICK PHOS-BRONZE WITH HARD GOLD AND GOLD FLASH PLATED IN SOLDER AREA.
- SHIELD-0.25mm THICK COPPER ALLOY, PLATED WITH NICKEL.

CAVITY CONFIRMS TO FCC RULES AND REGULATIONS PART 68,SUBPART F.



PC Board Layout Ref.

DO NOT SCALE DRAWING

TOLERANCES UNLESS OTHERWISE NOTED

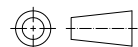
INCH

MM

DR.
H.W.CHAN

DATE
OCT-31 '07

XMULTIPLE



THIRD ANGLE PROJECTION

LINEAR $\frac{\text{MM}}{\text{INCH}}$

00 ± .01
000 ± .005
0000 ± .002

0.0 ± 0.25
0.00 ± 0.13
0.000 ± 0.05

CK'D
M.CHANG

DATE
OCT-31 '07

TITLE SINGLE PORT, RJ45, SHIELDED, FLAT PIN WITH TRANSFORMER, SIDE ENTRY PCB JACK

MM
INCH

ANGLE ± 0° 30'

RADII

+ 0.40
- 0.15

APP'D
W.J.YANG

DATE
NOV-01 '07

SCALE SIZE DWG.NO.
XMG-9759-881X-130D-TA-A-C0T

9759 TRANSFORMER TYPE A

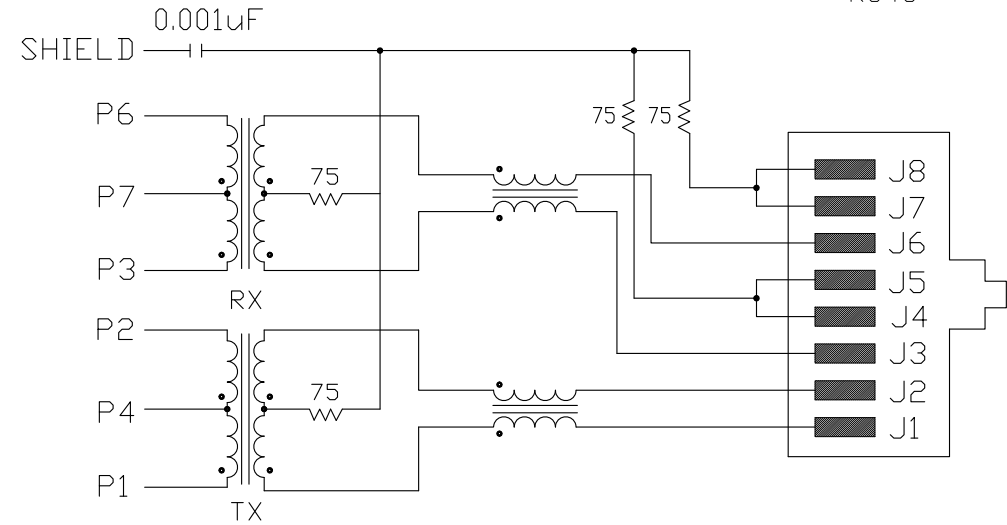
Specification :

| Item | Parameter | Condition | Min. | Typ. | Max. | Unit | REMARK |
|------|-------------------------------|------------------------|--------|------|------|----------|--------|
| 1 | Insertion loss | @1-100 MHz | | | -1.0 | dB | |
| 2 | Return loss | @1-30 MHz | -16 | | | dB | NOTE 1 |
| | | @30-60 MHz | | | | dB | |
| | | @60-80 MHz | -10 | | | dB | |
| 3 | QCL | 100 KHz | 350 | | | μ H | |
| 4 | Crosstalk | @1-60 MHz | -40 | | | dB | |
| | | @60-100 MHz | -38 | | | dB | |
| 5 | CMRR(TX/RX) | @1-60 MHz | -45/40 | | | dB | |
| | | @60-100 MHz | -35 | | | dB | |
| 6 | Hipot | V _{rms} | 1.5 | | | kV | |
| 7 | Turns Ratio (Chip : Cable) | TX: 1 : 1 RX: 1 : 1 | | | | CT | |
| 8 | Direct Current resistance | | | | | Ω | |

*NOTE 1: Greater than $(16-20 \text{ Log } (f/30\text{MHz}))$ dB.

CONNECTOR SOLDER SIDE

CONTACT SIDE
RJ45



CONNECTOR SCHEMATIC

| | | | | | | | | | | |
|-------------------------|--|---|--|--------------------------|--------------------|-------------------------|------|------------------------|-----------|------------|
| DO NOT SCALE DRAWING | TOLERANCES UNLESS OTHERWISE NOTED | INCH | MM | DR. <i>M.L.HUANG</i> | DATE JUL-07 '03 | <i>XMULTIPLE</i> | | | | |
| THIRD ANGLE PROJECTION | LINEAR $\frac{\text{MM}}{\text{INCH}}$ | $00 \pm .01$ $000 \pm .005$ $0000 \pm .002$ | 0.0 ± 0.38 0.00 ± 0.25 $0.000 \pm$ | CK'D <i>M.CHANG</i> | JUL-07 '03 | | | | | TITLE |
| MM INCH | ANGLE $\pm 0^{\circ} 30'$ | RADII | ± 0.40 $- 0.15$ | APP'D <i>W.J.YANG</i> | JUL-08 '03 | SCALE | SIZE | DWG.NO. 9759 SERIES | REV. 4 | SHEET 1 |