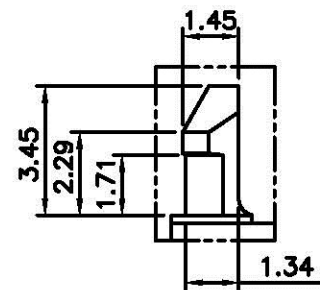
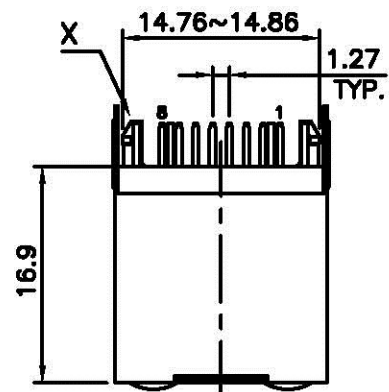
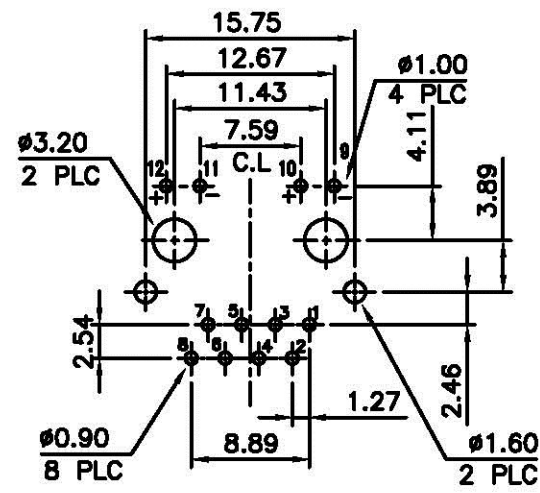
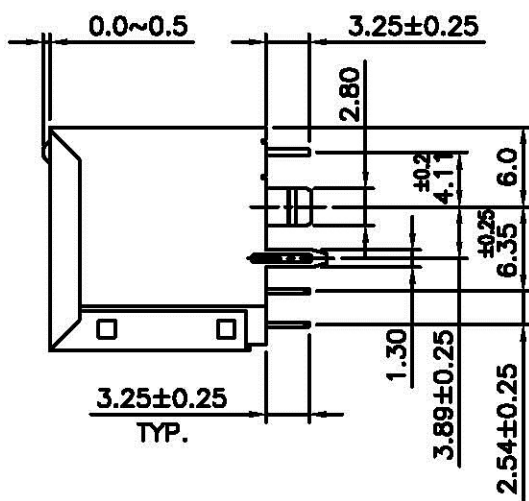
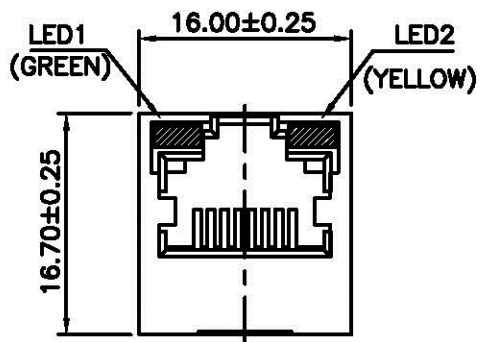


RoHS Compliance



DETAIL X



PCB Layout
Ref.



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Electronics Pte Ltd

DO NOT SCALE
DRAWING

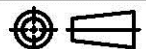
TOLERANCES UNLESS
OTHERWISE NOTED

INCH

MM

DR.
M.L.HUANG

DATE
OCT-04 '12



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

OCT-04 '12

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

MM
INCH

ANGLE ± 0° 30'

RADII

± 0.40
- 0.15

APP'D
W.J.YANG

OCT-05 '12

SCALE SIZE DWG.NO.
981301

REV.
8

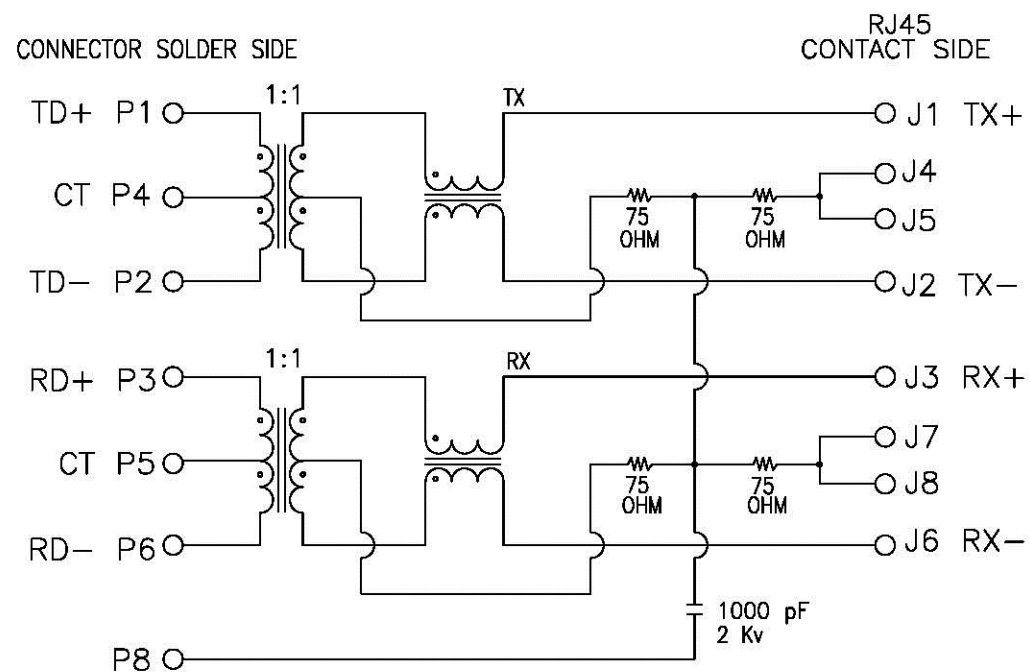
SHEET
1

9813 TRANSFORMER TYPE 6

ELECTRICAL CHARACTERISTICS

TEST NOTES: (25°±5°C)

1. TR: (100KHz, 0.1V);
PINS: (1-2):(J1-J2)=1CT:1CT±3%;
PINS: (3-6):(J3-J6)=1CT:1CT±3%;
2. LX: (100KHz, 100mV, 8mA, DC Bias)
PINS: (1,2),(3,6)=350uH MINIMUM
3. DCR:
PINS: (1-2),(J1-J2),(J3-J6)=1.0 OHMS MAXIMUM.
PINS: (5-6)=1.2 OHMS MAXIMUM.
4. INSERTION LOSS:
-1.0dB MAXIMUM AT 1MHz TO 100MHz
5. RETURN LOSS:
-20dB MINIMUM AT 1MHz TO 30MHz
-15dB MINIMUM AT 30MHz TO 60MHz
-10dB MINIMUM AT 60MHz TO 100MHz
6. CROSS TALK:
-30dB MINIMUM AT 1MHz TO 100MHz
7. COMMON TO COMMON MODE REJECTION:
-30dB MINIMUM AT 1MHz TO 100MHz



CONNECTOR SCHEMATIC

DO NOT SCALE DRAWING	TOLERANCES UNLESS OTHERWISE NOTED	INCH	MM	DR. M.L.HUANG	DATE DEC-12 '13	 Mega-Chip Electronics Pte Ltd				
 THIRD ANGLE PROJECTION	LINEAR $\frac{\text{MM}}{\text{INCH}}$	$\frac{00 \pm .01}{000 \pm .005}$ $\frac{0000 \pm .002}{0.000 \pm .002}$	$\frac{0.0 \pm 0.38}{0.00 \pm 0.25}$ $\frac{0.000 \pm .002}{0.000 \pm .002}$	CK'D M.CHANG	DEC-12 '13	TITLE TRANSFORMER TYPE 6 SPECIFICATION				
MM INCH	ANGLE $\pm 0^\circ 30'$	RADII	± 0.40 ± 0.15	APP'D W.J.YANG	DEC-13 '13	SCALE	SIZE	DWG.NO. 9813 SERIES	REV. 3	SHEET 1