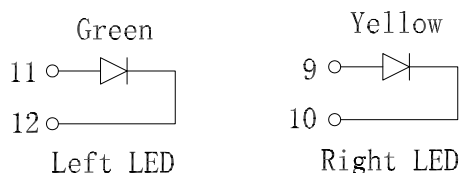
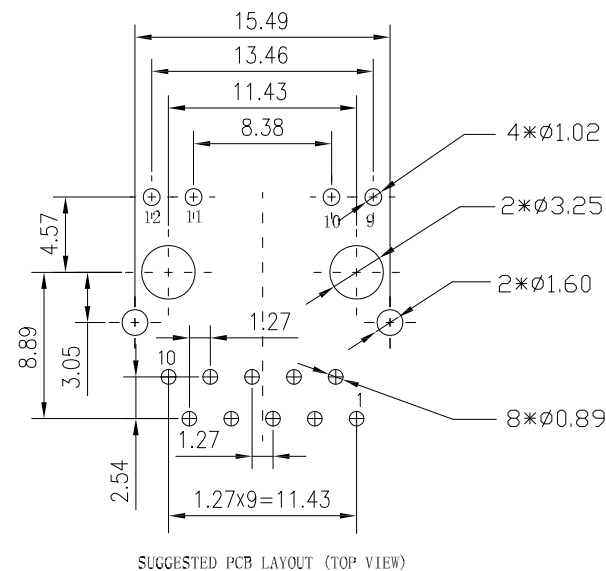
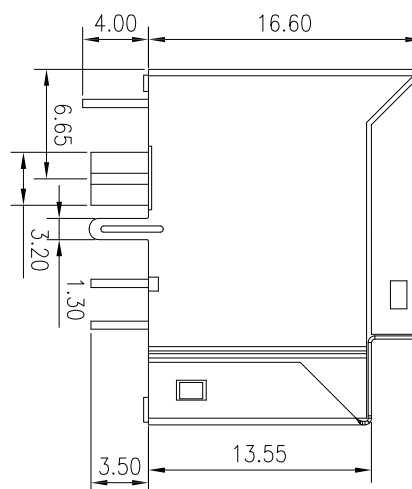
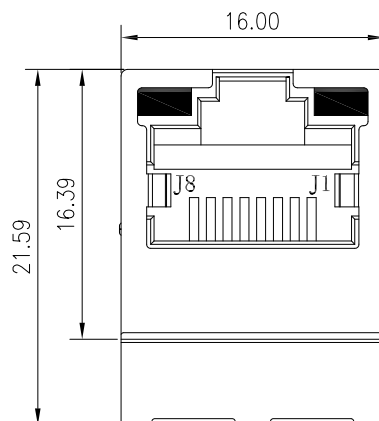


REACH & RoHS
COMPLIANT

REV.	ECN / DESCRIPTION	BY	DATE
A0	NEW	MQ.QU	2018.05.31

RoHS



Emitting Color	λ_p (nm)	$V_F@I_F=20mA$	$I_R@V_R=5V$
Green	570	1.8~2.4V	10 μ A max
Yellow	590	1.8~2.4V	10 μ A max

NOTES:

- Meets IEEE 802.3 specification
- Connector Materials:
 - Housing Material: Thermoplastic PBT+30%G.F UL94V-0
 - Contact Material: Phosphor Bronze C5210R-EH Thickness=0.35mm
 - Pins: Brass C2680R-H Thickness=0.35mm
 - Shield: SUS 201-1/2H Thickness=0.2mm
 - Contact plating: Gold 6 micro-inches min. In contact area.
- Wave solder tip temperature: 265°C Max, 5 Sec Max.
- UL Certification: File Number E321120.



东莞市涪程电子科技有限公司
DONG GUAN FU CHENG ELECTRONIC TECHNOLOGY Co., LTD

TITLE:

RJ45 带灯带弹左绿右黄 100M 1*1 PORT

SIZE

A4

UNITS

MM[INCH]

GENERAL TOLERANCES UNLESS SPECIFIED

APPROVED BY:
JP.Gong

PART NO.:

FCRJ45-7 (G8-08) A203E2

SACLE

1:1

REV

A0

$x \pm 0.35$

$x \pm 0.30$

$.xx \pm 0.25$

$.xxx \pm 0.10$

$x^\circ \pm 3.0^\circ$

$.x^\circ \pm 2.0^\circ$

$.xx^\circ \pm 1.5^\circ$

$.xxx^\circ \pm 1.0^\circ$

CHECKED BY:

TW.Xu

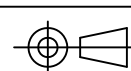
DESIGN BY:

MQ.Qu

REMARK:

SHEET

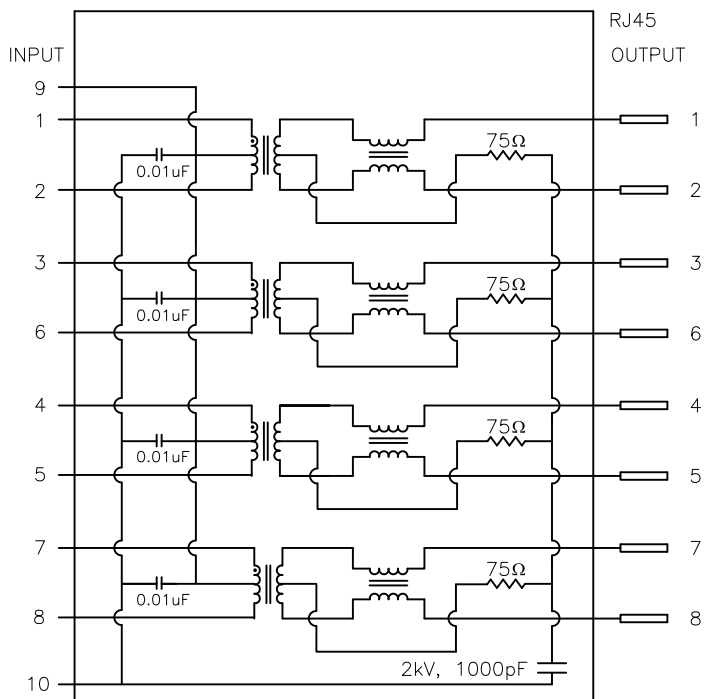
1/1



REACH & RoHS
COMPLIANT

RoHS

REV.	ECN / DESCRIPTION	BY	DATE
A0	NEW	MQ.QU	2018.05.31



ELECTRICAL SPECIFICATIONS @25°C

- Turn Ratio($\pm 3\%$):
TX=1CT:1CT RX=1CT:1CT
- Inductance OCL:
350uH MIN @ 100KHz 0.1V 8mA DC Bias
- DCR: 1.2 Ω MAX
- Insertion Loss:
-1.0dB MAX @ 1-100MHz
- Return Loss:
-18dB MIN @ 1-30MHz
-15dB MIN @ 30-60MHz
-12dB MIN @ 60-100MHz
- Cross talk:
-40dB MIN @ 1-30MHz
-35dB MIN @ 30-60MHz
-30dB MIN @ 60-100MHz
- Common Mode Rejection:
-30dB MIN @ 1-50MHz
-20dB MIN @ 50-100MHz
- Hipot Test:1500Vrms
- Operating Temperature Range: 0°C TO 70°C

ELECTRICAL SPECIFICATIONS AT 25°C

Insertion Loss dB max	Return Loss dB min			Crosstalk(dB TYP)			Common Mode Rejection (dB TYP)		Hipot(vrms)
1-100MHz	1-30MHz	30- 60MHz	60- 100MHz	1-30MHz	30- 60MHz	60- 100MHz	1-50MHz	50-150MHz	
-1.0	-18	-16	-12	-40	-35	-30	-30	-20	1500/0.5mA



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UNLESS SPECIFIED

APPROVED BY:

JP.Gong

PART NO.:

FCRJ45-7 (G8-08) A203E2

SACLE

1:1

REV

A0

xx±0.35

.xx±0.30

.xx±0.25

.xxx±0.10

x°±3.0°

.x°±2.0°

.xx°±1.5°

.xxx°±1.0°

CHECKED BY:

TW.Xu

DESIGND BY:

MQ.Qu

