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LED1 POLARITY			LED2 POLARITY			
PIN 11	PIN 12	COLOR	PIN 15	PIN 14	PIN 13	COLOR
-	+	YELLOW	-	+	/	ORANGE
/	/	/	/	+	-	GREEN

PRELIMINARY



ELECTRICAL CHARACTERISTICS @ 25°C

URNS RATIO

TP1	1CT : 1CT ±2%
TP2	1CT : 1CT ±2%
TP3	1CT : 1CT ±2%
TP4	1CT : 1CT ±2%

QCL @ 100kHz/100mVRMS

From CHANNEL 1 to CHANNEL 4
8mA DC BIAS (-40°C - +85°C) 350µH MIN.

INSERTION LOSS

0.1MHz TO 1MHz	-1.1 dB MAX
1MHz TO 65MHz	-0.8 dB MAX
65MHz TO 100MHz	-1.0 dB MAX
100MHz TO 125MHz	-1.5 dB MAX

RET. LOSS (MIN) @ 100OHMS

0.5MHz-40MHz	-18 dB
50MHz-100MHz	-12+20LOG(f/80MHz) dB

CM TO CM REJ

100kHz - 100MHz -28 dB MIN

CM TO DM REJ

100kHz - 100MHz -35 dB MIN

CROSS TALK

1MHz-60MHz	-30 dB MIN
60MHz-100MHz	-25 dB MIN

HIPOT (Isolation Voltage): 2250 VDC

100% OF PRODUCTION TESTED TO COMPLY
WITH IEEE 802.3 ISOLATION REQUIREMENTS

LED 1

VF (FORWARD VOLTAGE)	IF=20mA	YELLOW	2.1V TYP.
AD (DOMINANT WAVELENGTH)	IF=20mA	YELLOW	590nm TYP.

LED 2

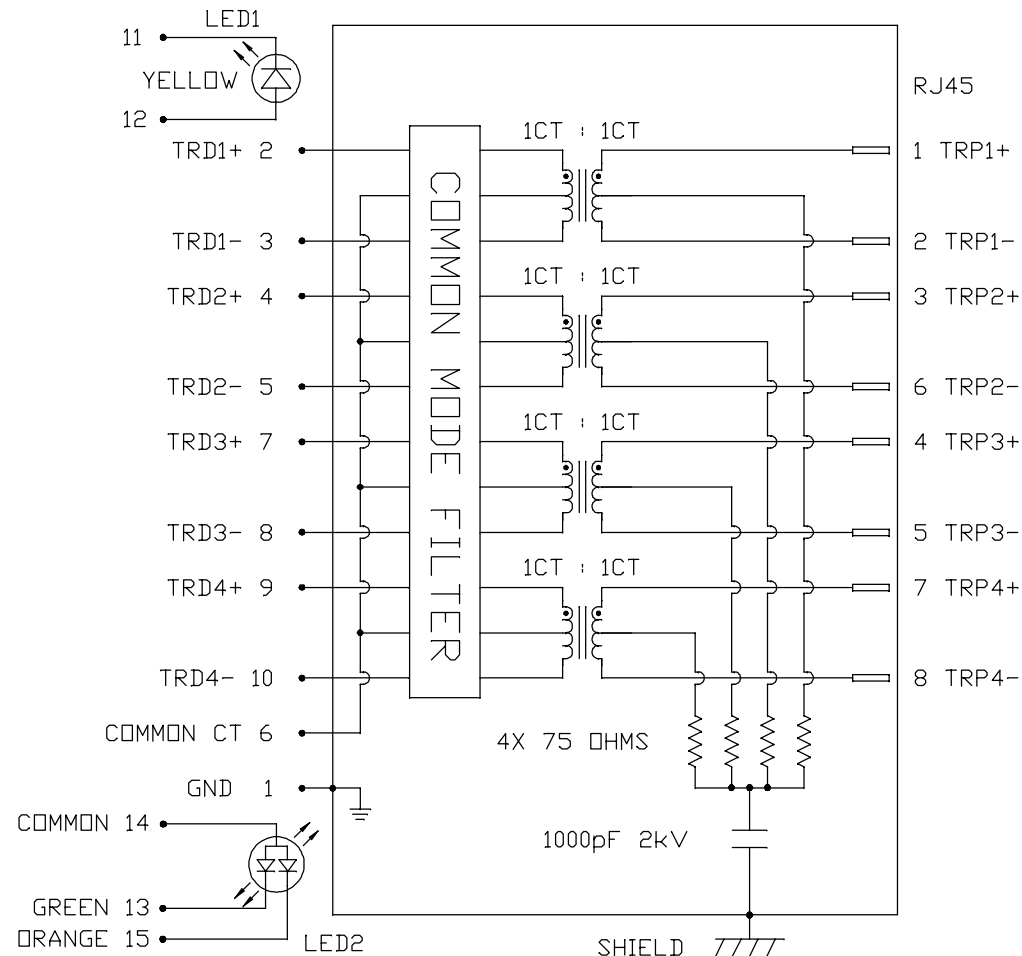
VF (FORWARD VOLTAGE)	IF=20mA	GREEN	2.2V TYP.
		ORANGE	2.0V TYP.
AD (DOMINANT WAVELENGTH)	IF=20mA	GREEN	570nm TYP.
		ORANGE	605nm TYP.

USB ELECTRICAL:

INSULATION RESISTANCE:	1000 MEGA W(MIN)
CONTACT RESISTANCE:	25 MILLI W(MAX)
DIELECTRIC WITHSTANDING:	750 VAC

OPERATING TEMPERATURE: -40°C TO 85°C

SCHEMATIC



ORIGINATED BY
CHOW WANCHUNG
DATE 2018-09-25

DRAWN BY
XIE YIMING
DATE 2018-09-25

TITLE
gigabit MagJack® Combo
Extend Temperature
0862-1J1T-46A-F
PATENTED

PART NO. / DRAWING NO.
08621J1T46AF

FILE NAME
08621J1T46AF_PA.DWG

STANDARD DIM.
TOL. IN INCH

.X
.XX
.XXX

[] METRIC DIM.
AS REF.

UNIT : INCH [mm]
SCALE : N/A
SIZE : A4

REV. : PA

PAGE : 2



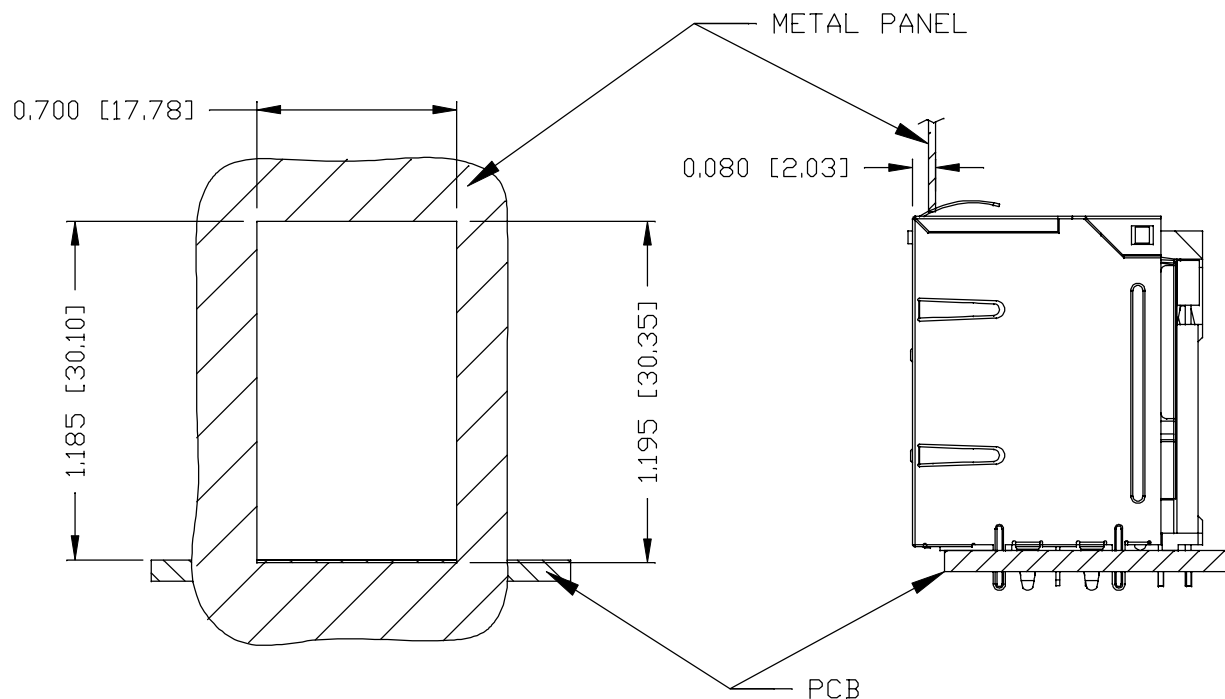
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PRELIMINARY

RoHS



SUGGESTED PANEL OPENING



NOTE:

THE DISTANCE OF PANEL INSIDE SURFACE RELATIVE TO FRONT SURFACE OF PART IS ONLY A SUGGESTION.
IN CASE THIS DISTANCE IS DIFFERENT, THE REQUIRED PANEL OPENING DIMENSIONS CHANGE ACCORDINGLY.

PACKING INFORMATION

PACKING TRAY : 0200-9999-A3

PACKING QUANTITY : 42 PCS FINISHED GOODS PER TRAY

10 TRAYS (420PCS FINISHED GOODS) PER CARTON BOX

NOTE : CARDBOARDS ARE PLACED BETWEEN LAYERS OF PACKING TRAY INSIDE CARTON BOX
(INCLUDE THE UPPERMOST AND LOWERMOST TRAY)

ORIGINATED BY
ANTON LIAD
DATE 2018-09-25

DRAWN BY
LI QUANKUN
DATE 2018-09-25

TITLE
gigabit MagJack® Combo
Extend Temperature
0862-1J1T-46A-F
PATENTED

PART NO. / DRAWING NO.
08621J1T46AF

FILE NAME
08621J1T46AF_PA.DWG

STANDARD DIM.
TOL. IN INCH

.X	
.XX	
.XXX	±0.005

[] METRIC DIM.
AS REF.

UNIT : INCH [mm]
SCALE : N/A
SIZE : A4

REV. : PA

PAGE : 5

