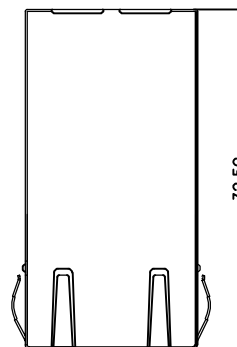
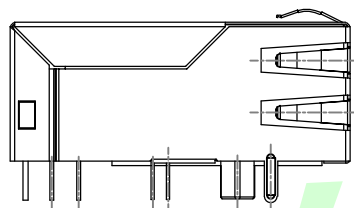


REACH & RoHS
COMPLIANT

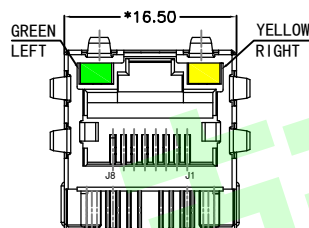
REV.	ECN / DESCRIPTION	BY	DATE
A0	NEW	ZG.Hu	2018.03.03



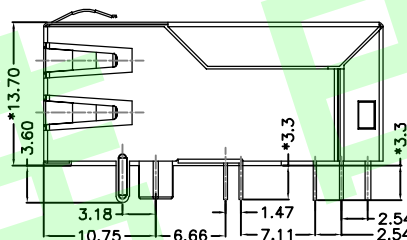
TOP VIEW



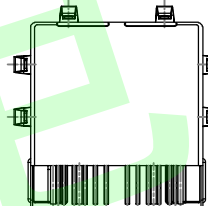
LEFT SIDE VIEW



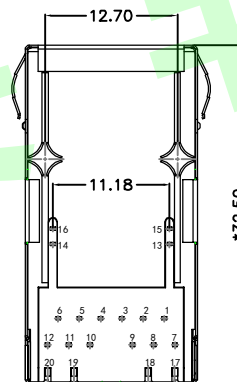
FRONT VIEW



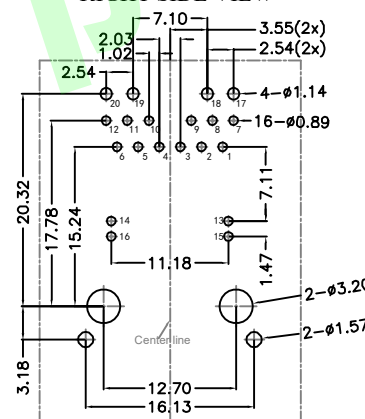
RIGHT SIDE VIEW



BACK VIEW



BOTTOM VIEW



RECOMMENDED PCB LAYOUT
VIEWED FROM COMPONENT SIDE

MATERIAL:

HOUSING: PBT,UL94V-0,BLACK.
TERMINALS BRACKET: PBT,UL94V-0,BLACK.
SHIELD: C2680,T=0.20MM,NICKEL PLATING ON ALL AREA.
TERMINAL: PHOSPHOR BRONZE C5210,T=0.35MM,
6U" GOLD PLATING ON CONTACT AREA.

MECHANICAL:

DURABILITY: 750 CYCLES MIN.
MATING FORCE: 23N MAX.
OPERATING TEMPERATURE: -40°C~+85°C.
STORAGE TEMPERATURE: -40°C~+85°C.
ALL CRITICAL DIMENSIONS WITH "*"



TITLE:
TAB-UP 2.5G POE+

SIZE
A4

UNITS
MM[INCH]

GENERAL TOLERANCES
UNLESS SPECIFIED

APPROVED BY:
JP.Gong

PART NO.:
DGUK411Q211DB2A1DP2

SACLE
1:1

REV
A0

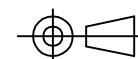
$x \pm 0.35$
 $.x \pm 0.30$

$x^\circ \pm 3.0^\circ$
 $.x^\circ \pm 2.0^\circ$

CHECKED BY:
TW.Xu

REMARK:

SHEET
1/4



$.xx \pm 0.25$
 $.xxx \pm 0.10$

$.xx^\circ \pm 1.5^\circ$
 $.xxx^\circ \pm 1.0^\circ$

DESIGN BY:
ZG.Hu

东莞市美韩电子科技有限公司

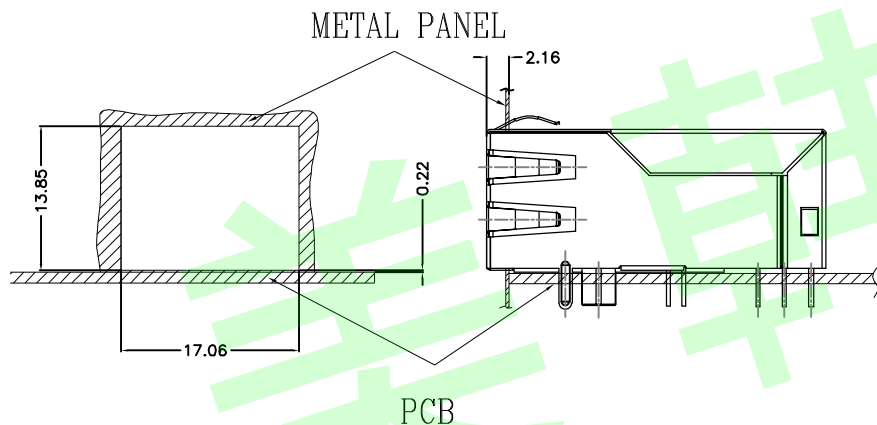
Dongguan Usakro Electronic Technology Co., Ltd.

Tel : 0769-87869902

<http://www.usakro.com>

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COMPLIANT

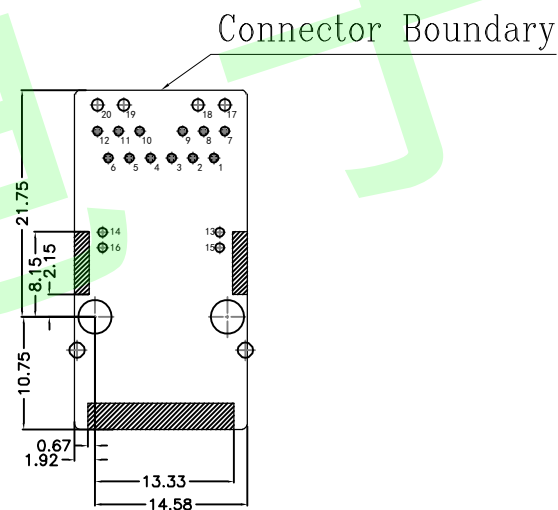
Suggested Panel Opening:



UNIT: mm / inch
Tolerances: ± 0.10 / 0.004

REV.	ECN / DESCRIPTION	BY	DATE
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Keep-Out Area (Component Side View):



Plug-in side

UNIT: mm / inch



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TITLE:
TAB-UP 2.5G POE+

PART NO.:
DGUK411Q211DB2A1DP2

REMARK:

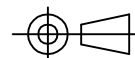
SIZE
A4

SACLE
1:1

SHEET
2/4

UNITS
MM[INCH]

REV
A0



GENERAL TOLERANCES
UNLESS SPECIFIED

$x \pm 0.35$	$x^\circ \pm 3.0^\circ$
$.x \pm 0.30$	$.x^\circ \pm 2.0^\circ$
$.xx \pm 0.25$	$.xx^\circ \pm 1.5^\circ$
$.xxx \pm 0.10$	$.xxx^\circ \pm 1.0^\circ$

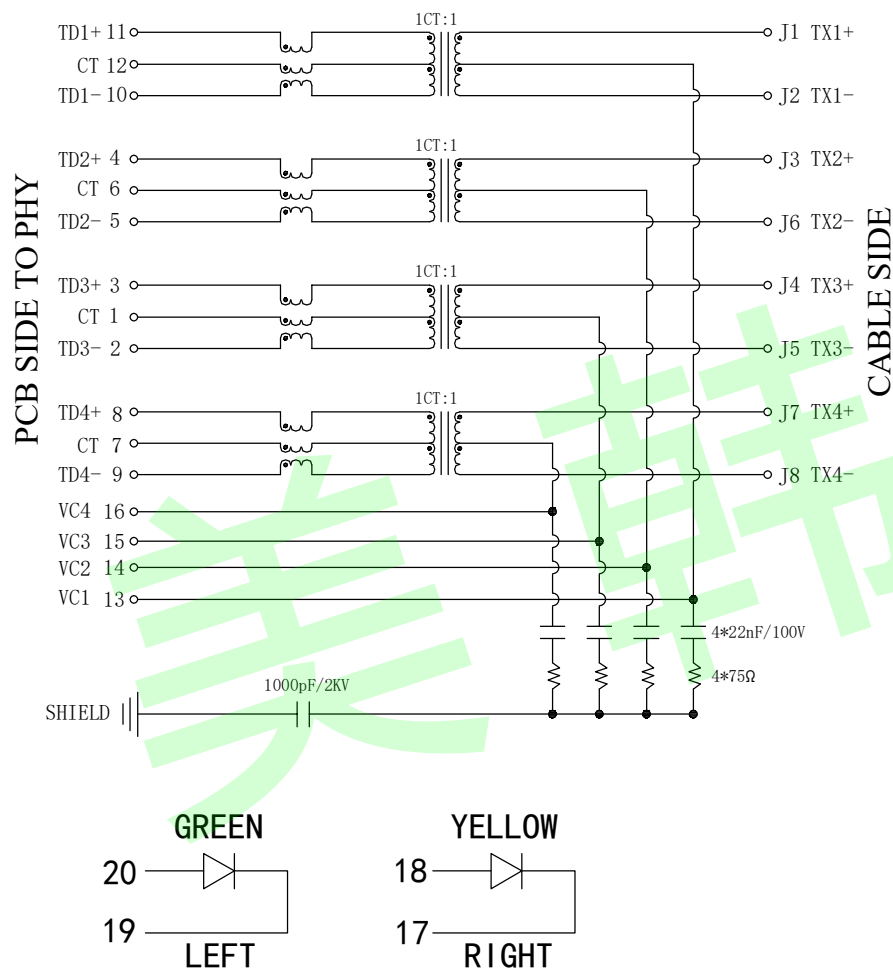
APPROVED BY:
JP.Gong

CHECKED BY:
TW.Xu

DESIGND BY:
ZG.Hu

REACH & RoHS
COMPLIANT

REV.	ECN / DESCRIPTION	BY	DATE
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Electrical:

- Turn ratio: 11~10: J1~J2=1CT:1CT(±2%).
4~5: J3~J6=1CT:1CT(±2%).
3~2: J4~J5=1CT:1CT(±2%).
8~9: J7~J8=1CT:1CT(±2%).
- OCL: 180uH Min. @ 100KHz 0.1V.
- Insertion Loss: -1.0 dB Max 1~125MHz.
- Return loss: -20dB Min 1 ~ 40MHz;
- Hi-Pot: 2250V DC OS 16(AOPRIZ) MISLEO ~ 200MHz.
- Cross talk: -30dB Min 1~125MHz.
- CMR: -30dB Min 30~200MHz;
- Single port magnetic jack POE magnetics acc.
To IEEE802.3at for PSE or PD applications.
- 100% of production tested to comply with
IEEE 802.3 isolation requirements balanced DC
line current 720mA max. 57V DC continuous.

LED Specification

Standard LED Color	LED Wavelength	Foward(A)	Foward(V)
Green	568nm	20mA	1.85-2.45V
Yellow	585nm	20mA	1.7-2.2V
Orange	585nm	20mA	1.8-2.8V



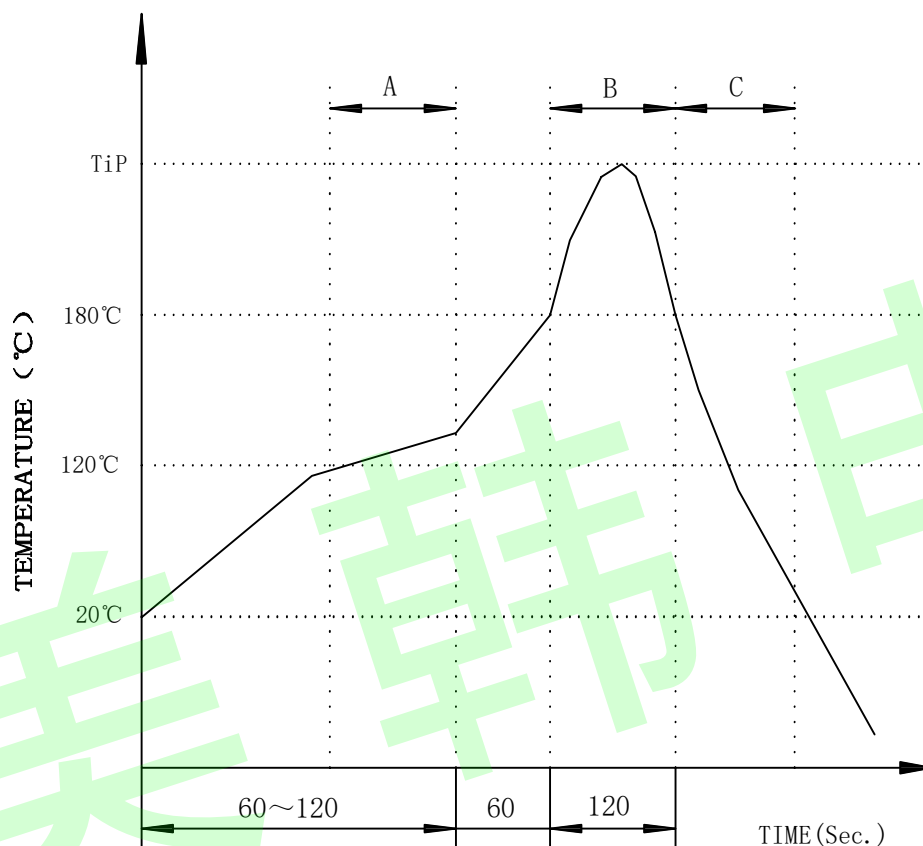
东莞市美韩电子科技有限公司
Dongguan Usakro Electronic Technology Co.,
Tel : 0769-87869902 <http://www.usakro.com>

TITLE: TAB-UP 2.5G POE+	SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: JP.Gong
PART NO.: DGUK411Q211DB2A1DP2	SACLE 1:1	REV A0	x±0.35	x°±3.0°	CHECKED BY: TW.Xu
REMARK:	SHEET 3/4		.x±0.30	.x°±2.0°	DESIGND BY: ZG.Hu
			.xx±0.25	.xx°±1.5°	
			.xxx±0.10	.xxx°±1.0°	

REACH & RoHS
COMPLIANT

PROFILE OF WAVE SOLDER

REV.	ECN / DESCRIPTION	BY	DATE
A0	NEW	ZG.Hu	2018.03.03



A.Preheating B.Soldering C.Gradual Cooling
Tip temperature:260±5°C.
Tip temperature time:5Sec Max.
Tip melting point of Sn96.5/Ag3/Cu0.5:217°C.

Remarks: after wave soldering, the plastic positioning columns of the product which under the PCB will be slightly melted, but it won't affect its function.



TITLE:
TAB-UP 2.5G POE+

SIZE
A4
UNITS
MM[INCH]

GENERAL TOLERANCES
UNLESS SPECIFIED

APPROVED BY:
JP.Gong

PART NO.:
DGUKD411Q211DB2A1DP2

SACLE
1:1

REV
A0

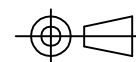
$x \pm 0.35$
 $.x \pm 0.30$

$x^\circ \pm 3.0^\circ$
 $.x^\circ \pm 2.0^\circ$

CHECKED BY:
TW.Xu

REMARK:

SHEET
4/4



$.xx \pm 0.25$
 $.xxx \pm 0.10$

$.xx^\circ \pm 1.5^\circ$
 $.xxx^\circ \pm 1.0^\circ$

DESIGND BY:
ZG.Hu

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