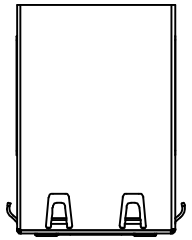
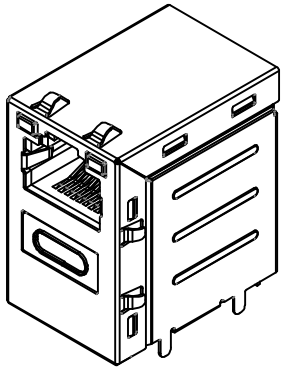
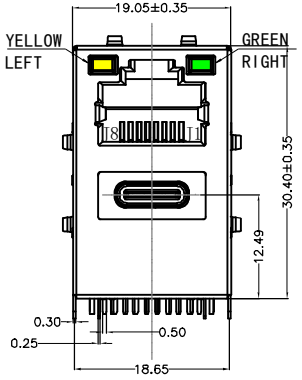
REACH & RoHS COMPLIANT

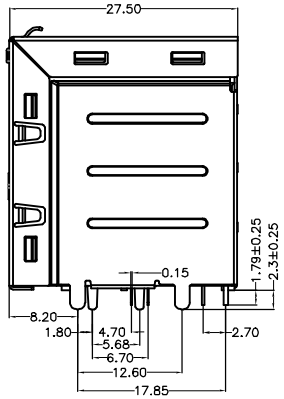


TOP VIEW

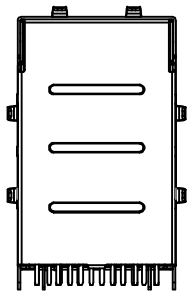




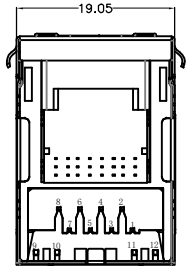
FRONT VIEW



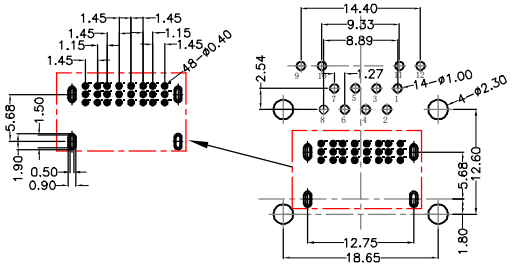
RIGHT SIDE VIEW



BACK VIEW



BOTTOM VIEW

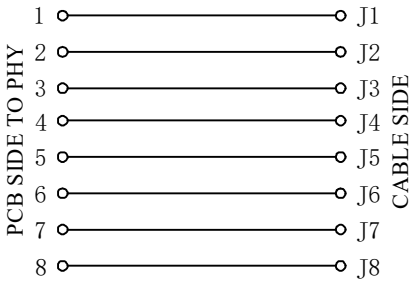


RECOMMENDED PCB LAYOUT
VIEWED FROM COMPONENT SIDE

RJ45
1.Designed to support application,such as SOHO(ADSL modems)
LAN-on-Motherboard(LOM),hub and Switches.
2.Meets IEEE802.3 specification.
3.Connector Material:
3-1.Housing&Insertion Base: Thermo plastics PA9T+30%GF,UL94V-0.BLACK
4.RJ45 Terminal:
4-1.Phosphor Bronze C5191.Thickness=0.30mm.
4-2. G/FU" Gold plating on RJ45 contact area.
4-3. Tin Plating 100u" on solder tail area
4-4.45u" min Ni underplating over all.
5.Shell: Stainless steel 304 , .Thickness=0.25mm.Immersion tin.
6.Electrical performance:
4-1.Voltage Current Rating :1.5 AMP. 30V AC
4-2.Insulation Resistance :1000MΩ Min.
4-3.Contact Resistance :40 mΩ Max.
4-4.Dielectric Withstanding Voltage :500V AC
4-5.Durability :750 cycles .
7. Operating temperature range : -20℃ to +85℃.
Storage temperature range

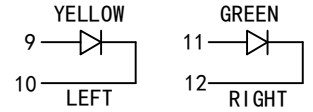
TYPE-C
NOTES:
1. HOUSING: LCP, UL 94V-0, COLOR- BLUE (PANTONE 300C) OR BLACK
2. BOTTOM COVER: LCP, UL 94V-0,COLOR- BLUE (PANTONE 300C) OR BLACK
3. CONTACT: USB3 C2680-H T=0.25mm ; USB2 C5191-H T=0.25mm
30μ" MIN. GOLDPLATED ON CONTACT AREA, 120μ" MIN. MATTE TIN
PLATED ON SOLDERING TAIL,80μ" MIN. NICKEL UNDER-PLATED OVERALL
4. FRONT SHELL: SUS304-1/2H, T=0.25mm, 30μ" MIN. NICKEL PLATED OVER ALL,
100μ" MIN. MATTE TIN PLATED ON SOLDERING TAIL,
5. MIDDLE SHELL: SUS304-1/2H, T=0.25mm,
6. REAR SHELL: SUS304-1/2H, T=0.20mm,
7. THIS PRODUCT DOESN'T CONTAIN ENVIRONMENTAL HAZARDOUS
PER DIRECTIVE 2011/65/EU FOR RoHS COMPLIANT. OR PER IEC
61249-2-21 FOR HALOGEN-FREE COMPLIANT.

PIN	Signal Name	Description	PIN	Signal Name	Description
A1	GND	Ground return	B12	GND	Ground return
A2	SSTXp1	Positive half of first SuperSpeed TX differential pair	B11	SSRXp1	Positive half of first SuperSpeed RX differential pair
A3	SSTXn1	Negative half of first SuperSpeed TX differential pair	B10	SSRXn1	Negative half of first SuperSpeed RX differential pair
A4	VBUS	Bus Power	B9	VBUS	Bus Power
A5	CC1	Configuration Channel	B8	SBU2	Sideband Use (SBU)
A6	Dp1	Positive half of the USB 2.0 differential pair-Position 1	B7	Dn2	Negative half of the USB 2.0 differential pair-Position 2
A7	Dn1	Negative half of the USB 2.0 differential pair-Position 1	B6	Dp2	Positive half of the USB 2.0 differential pair-Position 2
A8	SBU1	Sideband Use(SBU)	B5	CC2	Configuraation Channel
A9	VBUS	Bus Power	B4	VBUS	Bus Power
A10	SSRXn2	Negative half of second SuperSpeed RX differential pair	B3	SSTXn2	Negative half of second SuperSpeed TX differential pair
A11	SSRXp2	Positive half of second SuperSpeed RX differential pair	B2	SSTXp2	Positive half of second SuperSpeed TX differential pair
A12	GND	Ground return	B1	GND	Ground return



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



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TEL: +86 400 1048 018
WEB: WWW.WOHU-TEK.COM

TITLE: RJ45+TYPEC 24PIN 带灯	SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED	APPROVED BY: Geoffrey.Song
PART NO.: SYTRT1188DB1A5DB1080	SACLE 1:1	REV A0	x±0.35 / x°±3.0° / .x±0.30 / .x°±2.0°	CHECKED BY: Elvis.Song
REMARK:	SHEET 1/1		.xx±0.25 / .xx°±1.5° / .xxx±0.10 / .xxx°±1.0°	DESIGND BY: Sunny.Xu