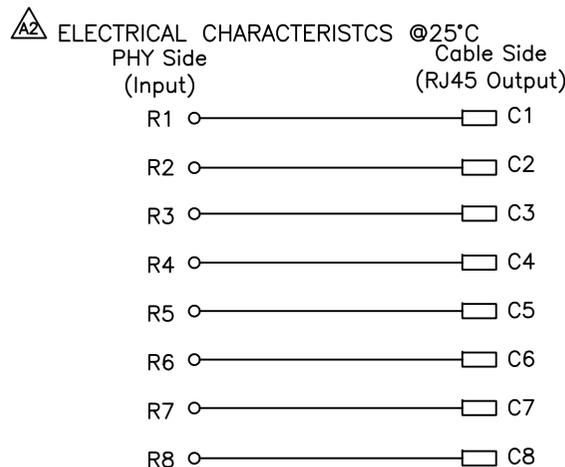
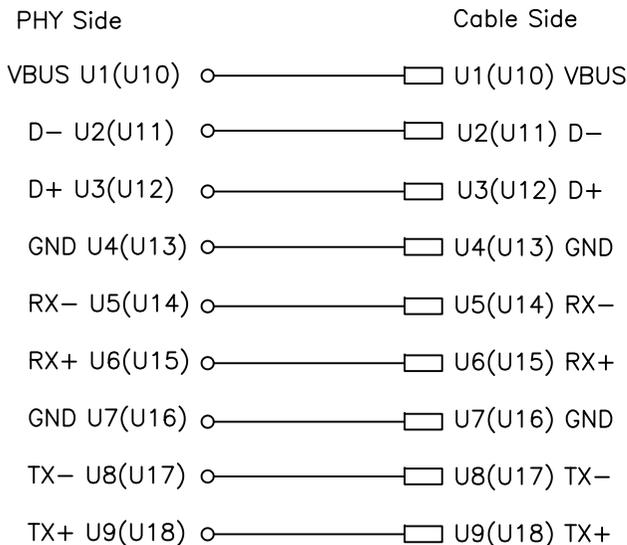


GP Component

REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A7			Modify Size 30.75mm > 30.64mm	2022/05/12	Vince
A8			Modify USB PIN Size 2.24mm > 2.54mm	2022/06/16	Vince
A9			Add LED Installation dimensions	2023/03/24	Vince

△1 USB 3.0 GNE 1 Standard-A Schematic

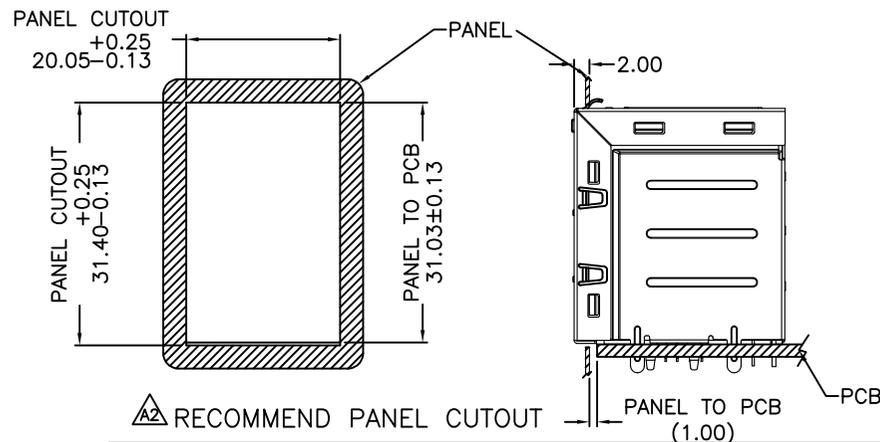


△1 LED SPECIFICATIONS:

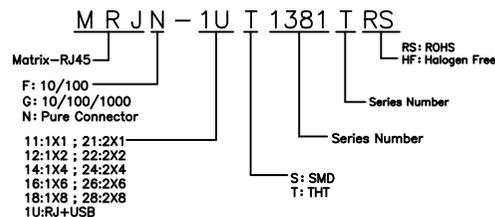
LED Color	Wavelength (nm)	IV (mcd)	VF @If=20mA	IR @Vf=5V
GREEN	568~573	9~30	1.7~2.6V	10uA MAX.
YELLOW	585~590	5~19	1.7~2.6V	10uA MAX.

USB 3.0 Standard-A Type Pin Assignment:

Pin No.	Signal Name	Description
U1&U10	VBUS	Power
U2&U11	Data -	USB 2.0 Differential Pair
U3&U12	Data +	USB 2.0 Differential Pair
U4&U13	GND	Ground For Power Return
U5&U14	Std A SSRX-	Super Speed Receiver Differential Pair
U6&U15	Std A SSRX+	Super Speed Receiver Differential Pair
U7&U16	GND Drain	Ground For Signal Return
U8&U17	Std A SSTX-	Super Speed Receiver Differential Pair
U9&U18	Std A SSTX+	Super Speed Receiver Differential Pair
SHELL	Shield	Connector Metal Shell



MATRIX PART NO:



△2 RECOMMEND PANEL CUTOUT

Matrix Electronics Co.,Ltd			
TOLERANCE: X.X ±0.38 X.XX ±0.25 X.XXX ±0.15 X±2*	DESIGN BY : Vince Chen	DATE : 2023/03/24	PART NAME: RJ45+USB 3.0 PCB JACK W/SHELL & LED DIP TYPE
UNIT: mm [inch]	CHECKED BY: Hanson Huang	DATE : 2023/03/24	PART NO. MRJN-1UT1381TRS
SCALE:1:1 SIZE:A4	APPROVED BY1: Richard Hsieh	DATE : 2023/03/24	MOLD NO. NA
	APPROVED BY2: Richard Hsieh	DATE : 2023/03/24	DRAW NO. SHEET NO. 2 OF 2