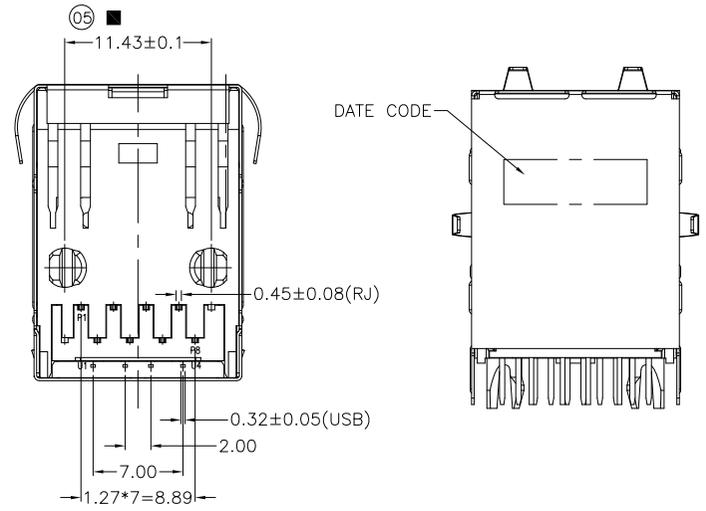
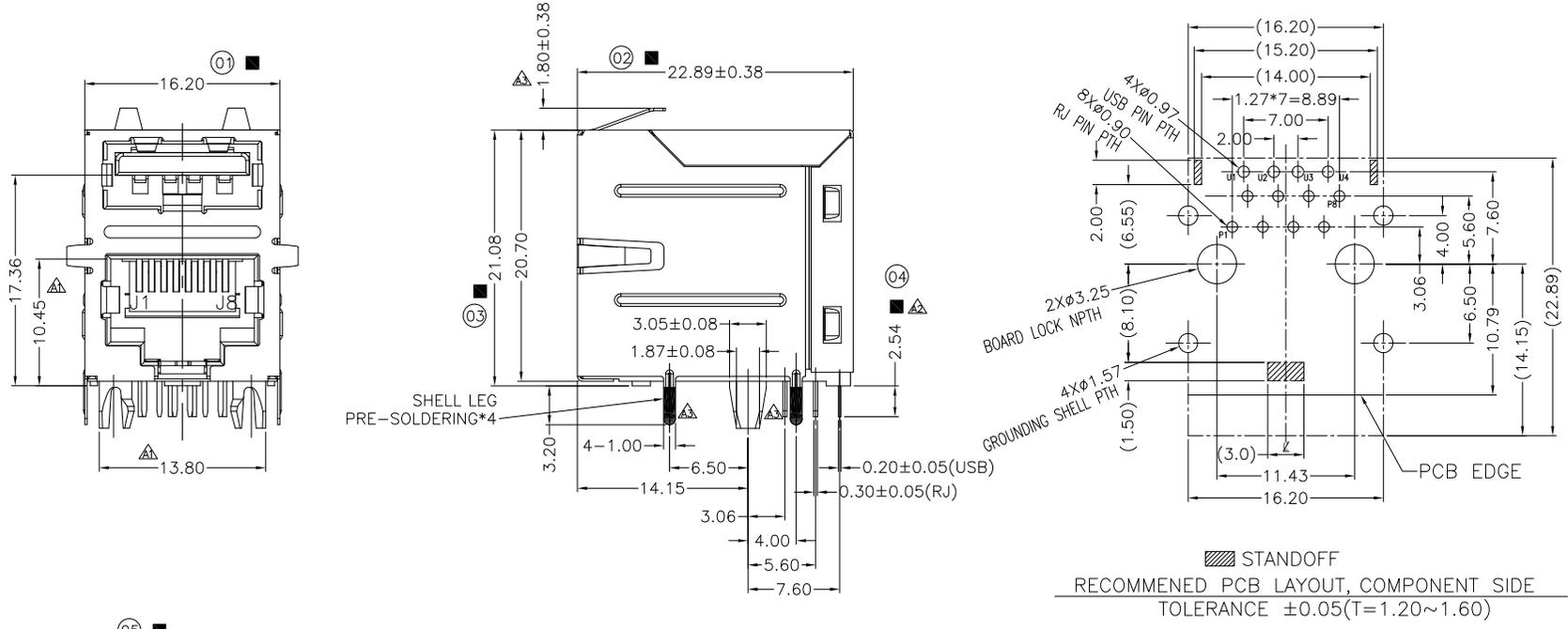


GP Component

REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A1			Change Dimension	2021/01/19	Hanson
A2			Change the pin length	2021/05/07	Ginny Liao
A3			Modify Shrapnel Structure and Add Solder Position	2023/01/13	Vince

1. MECHANICAL DIMENSIONS :



- NOTES:
- MATERIAL&FINISH:
SHELL:STAINLESS,T=0.20,SHELL LEG
PRE-SOLDERING PLASTIC:PBT BLACK UL94V-0
RJ CONTACT:C5210 H T=0.30
USB CONTACT:C5210 H T=0.20
CONTACT AREA:GOLD FLASH,
MATTE TIN 100u" MIN ON SOLDER TAIL
NICKEL 50u" UNDER PLAITN OVERALL
SOLDER TERMINAL:BRASS T=0.35
MATTE TIN 100u" MIN. OVERALL
NICKEL 50u" MIN OVERALL
 - OPERATING TEMPERATURE :0~70°C

		Matrix Electronics Co.,Ltd			
TOLERANCE: X.X ±0.38 X.XX ±0.25 X.XXX ±0.15 X±2°		DESIGN BY : Vince Chen	DATE : 2023/01/13	PART NAME: RJ45+USB2.0 CONN, WO/LED	
		CHECKED BY: Hanson Huang	DATE : 2023/01/13	PART NO.	MRJN-1UT1256RS
		APPROVED BY1: Richard Hsieh	DATE : 2023/01/13	MOLD NO.	NA
		APPROVED BY2: Richard Hsieh	DATE : 2023/01/13	DRAW NO.	
UNIT: mm [inch]	SCALE: 1:1	SIZE: A4	SHEET NO.	1 OF 2	

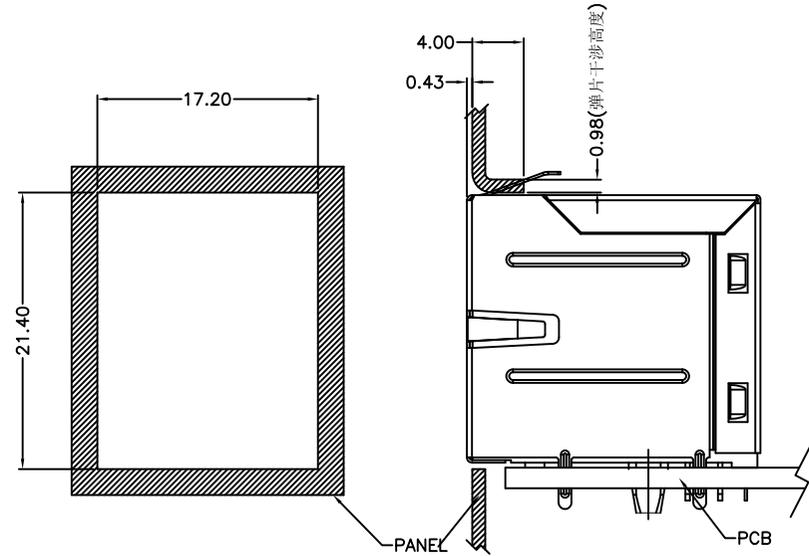
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2. SCHEMATIC:

CONNECTOR SOLDER SIDE

RJ45 CONTACT SIDE



RECOMMENDED PANEL CUTOUT

MATRIX PART NO:

M R J N - 1 U T 1256 RS

Matrix-RJ45
 F: 10/100
 G: 10/100/1000
 N: Pure Connector
 11:1X1 ; 21:2X1
 12:1X2 ; 22:2X2
 14:1X4 ; 24:2X4
 16:1X6 ; 26:2X6
 18:1X8 ; 28:2X8
 1U:RJ+USB
 RS: ROHS
 HF1 Halogen Free
 Series Number
 S: SMD
 T: THT

PIN NUMBER	SIGNAL NAME	DESCRIPTION
U1	VBUS	POWER
U2	D-	USB 2.0 DIFFERENTIAL PAIR
U3	D+	
U4	GND	GROUND FOR POWER RETURN



Matrix Electronics Co.,Ltd

TOLERANCE: X.X ±0.38 X.XX ±0.25 X.XXX ±0.15 X±2	DESIGN BY :	DATE :	PART NAME:	
	Vince Chen	2023/01/13	RJ45+USB2.0 CONN, WO/LED	
 UNIT: mm [inch]	CHECKED BY:	DATE :	PART NO.	MRJN-1UT1256RS
	Hanson Huang	2023/01/13	MOLD NO.	NA
SCALE:1:1 SIZE:A4	APPROVED BY1:	DATE :	DRAW NO.	
	Richard Hsieh	2023/01/13	SHEET NO.	2 OF 2
	APPROVED BY2:	DATE :		
	Richard Hsieh	2023/01/13		