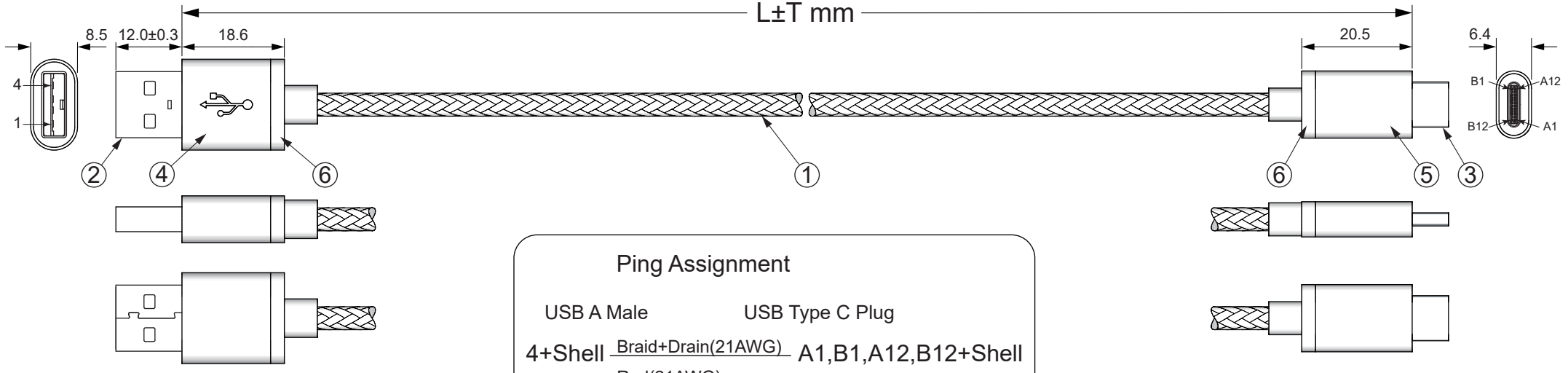
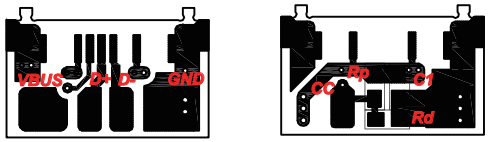


Ping Assignment

USB A Male		USB Type C Plug
4+Shell	Braid+Drain(21AWG)	A1,B1,A12,B12+Shell
1	Red(21AWG)	A4,B4,A9,B9
	Rd 56K	A5
2	White(28AWG)	A7
3	Green(28AWG)	A6



A1,A12,B1,B12	GND	Rd
A4,B4,A9,B9	VBUS	
A5	CC	
A6	D+	
A7	D-	

Electrical Test:

1. 100% Test(Open, Short, Miss Wire)
2. Contact Resistance: 5 Ω Max.
3. Insulation Resistance: 10M Ω Min.
4. Hi-Pot:DC 300V /10ms

Specification：

1.	Cable	28AWG(TC)*2C(White+Green)+21AWG(TC)*1C(Red)+D+A+B, Jacket: Black PVC, Jacket Braid: Nylon Net, OD: 4.20±0.2 mm
2.	Conn.	USB A/M Soldering Type, Conductor: Gold Flash, Insulator: White Shell: Nockel Plated
3.	Conn.	Type C Plug Soldering Type, Conductor: Gold Flash, Insulator: Black Shell: Nockel Plated
4.	Hood	For USB A Male, Aluminum Alloy
5.	Hood	For Type C Plug, Aluminum Alloy
6.	Outer Molding	PVC: 45P, Color: Black

P/N	Length
11.02.9027	800±30mm
11.02.9028	1800±50mm
11.02.9029	3000±50mm

Rev.	Date	Contents of Change	Designer
1			
2			
3			
4			
5			

Tol± / Range	Pla	Met	Ins	Por	Cab	Pac	Gas	Dis
0~6	0.1	0.1	0.1	0.2	0.5	1	0.5	0.2
6~30	0.1	0.1	.15	.25	1	1	0.5	.25
30~80	0.1	.15	0.2	0.3	2	1.5	1	0.3
80~180	.15	.15	.25	0.3	2	2	1	.45
180~315	.15	0.2	0.3	0.4	2.5	2	1	0.6
315~800	0.2	0.3	0.4	0.5	3	3	2	1.1

Approve	Check	Draw	Design
Allen	Allen		Kuan

Scale 1 : 1 Unit mm

Product Name	ROLINE USB2.0 Cable, A-C, M/M, black
Drawing Date	2021-01-14
Product No.	11.02.9027, 11.02.9028,11.02.9029

SECOMP