AX22 - PORT

U2

		#N		
MOSI 6	MOSI		GND	
MISO 7	MISO		Vcc	
SCK 8	SCK		IO0/ADC	3 IO0
SDA 9	SDA		IO1/CS/PWM/Tx	4 IO1
SCL 10	SCL		IO2/Rx	5 IO2

AX22

JST

J1

	1
	2
IO0	3
IO1	4
IO2	5
MOSI	6
MISO	7
SCK	8
SDA	9
SCL	10

PADS

J2
Solder Pads

	1
	2
IO0	3
IO1	4
IO2	5
MOSI	6
MISO	7
SCK	8
SDA	9
SCL	10

#N

MOSI G
MISO 3V3
SCK   IO0
SDA   IO1
SCL   IO2

AX22

AXIOMETA

Title: AX22-0008- AX22 Extension

Size: A4	Date: 2025-08-05	Rev: 3
KiCad E.D.A. 9.0.2		Id: 1/1

AX22 - MODULE
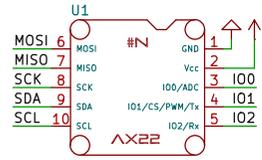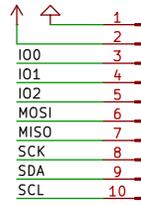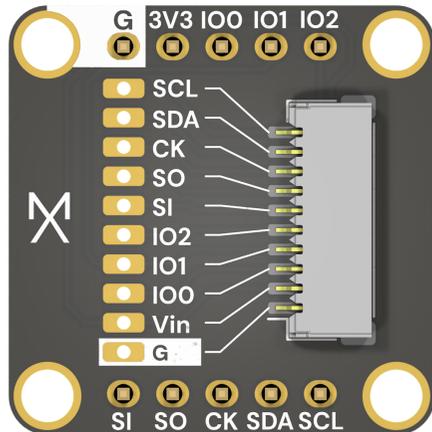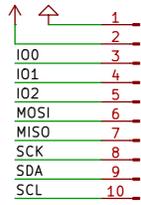
U1

#N

MOSI 6	MOSI	GND
MISO 7	MISO	Vcc
SCK 8	SCK	IO0/ADC
SDA 9	SDA	IO1/CS/PWM/Tx
SCL 10	SCL	IO2/Rx

1
2
3 IO0
4 IO1
5 IO2

AX22

JST

	1
	2
IO0	3
IO1	4
IO2	5
MOSI	6
MISO	7
SCK	8
SDA	9
SCL	10

PADS

J2
Solder Pads

	1
	2
IO0	3
IO1	4
IO2	5
MOSI	6
MISO	7
SCK	8
SDA	9
SCL	10

150MM±5

10. Black
9. Red
8. Blue
7. Blue
6. Blue
5. Green
4. Green
3. Green
2. Yellow
1. Yellow

10. Black
9. Red
8. Blue
7. Blue
6. Blue
5. Green
4. Green
3. Green
2. Yellow
1. Yellow

① ② ③ ② ③
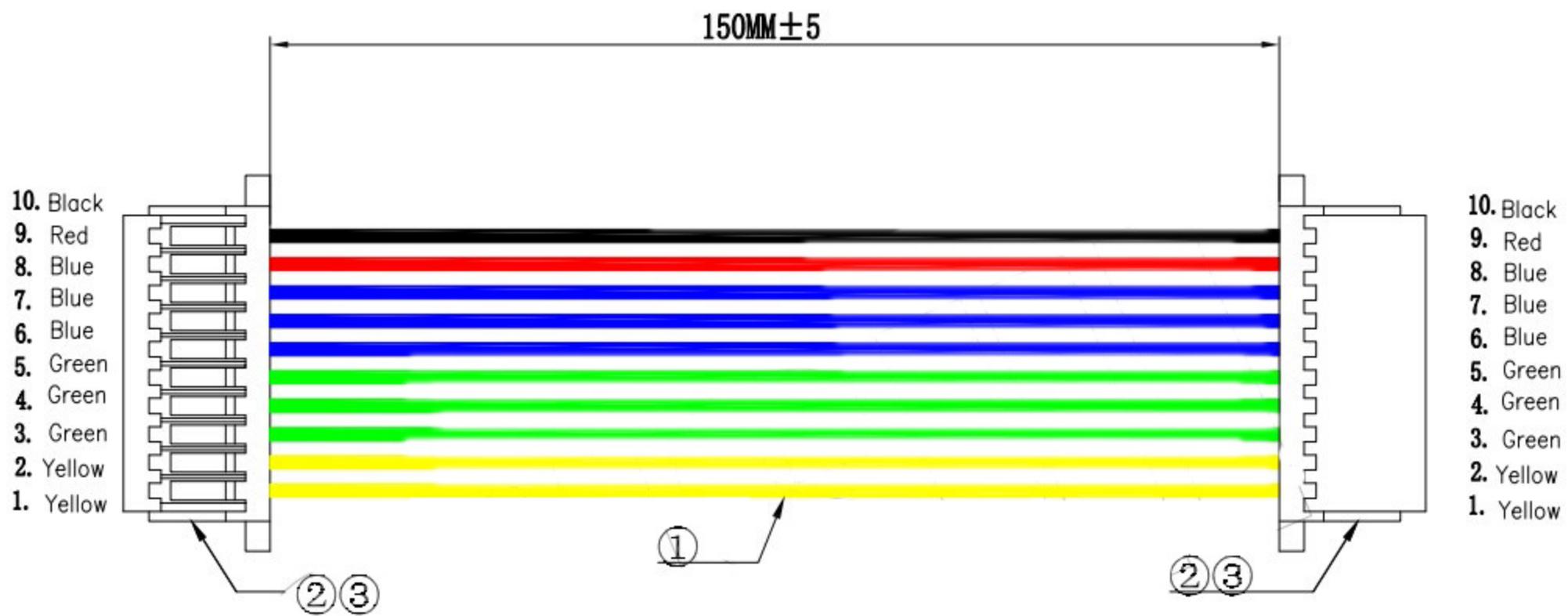
3	SH1.0 Terminal		20PCS
2	SH1.0-10pin Housing White		2PCS
1	UL1571 28AWG Color (Black/Red/Blue/Blue/Blue/Green/Green/Green/Yellow/Yellow) L=150mm		10PCS
ITEM	DESCRIPTION		Q'TY

REMARKS :
1. 100% OPEN/SHORT TEST.
2. DC TEST 300v/10ms
3. Insulation Resistance:5.0M OHM/Min.
4. Conductance Resistance:5.0 ohm/Max

AXIOMETA

DRAW		OPERATION		SCALE	NTS	TITLE:	1.0mm 10P Housing To 1.0mm 10P Housing cable 28AWG,L=150MM		
		X.X	±0.30	UNIT	mm				
CHECK		X.XX	±0.20	SIZE	A4			DOC PART	REVISION
		X.XXX	±0.10					001	A0