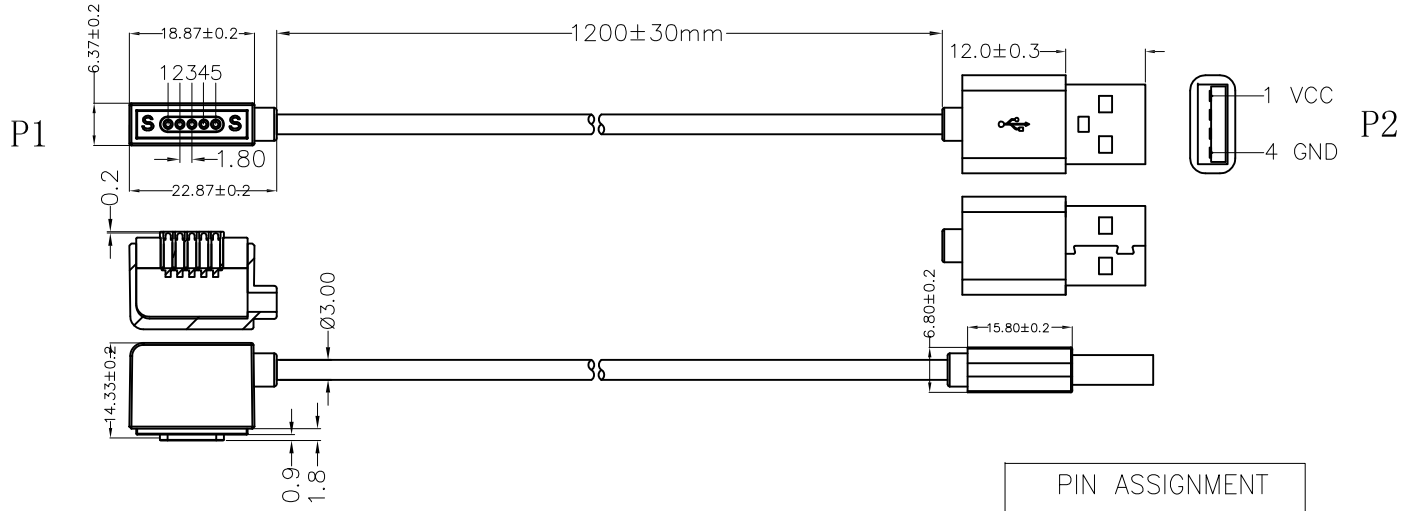
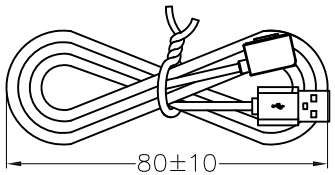
APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	7/3/17	
A		UPDATE DRAWING	1/12/21	OW/KC





PIN ASSIGNMENT

P1		P2
3	Red	1
4	NC	2
2	NC	3
5+1	Black	4

SPECIFICATIONS:

Material:

P1: POGO pin connector: 1.8mm pitch 5Pin, Right angle, PA46, 20u" Gold plated, Innermold: LD-PE, Color: Transparent, Overmold: TPE, Color: Black 90A

P2: USB connector: USB Type-A male straight, solder type, Gold flash contact, Nickel shell Insulator color: White, Innermold: LD-PE, Color: Transparent, Overmold: TPE, Color: Black 90A

Cable:

22AWG*2C(Red,Black), Jacket: TPE Color: Black, O.D: 3.0±0.15mm

Electrical:

Voltage rating (Per Contact): 5 Volts

Current rating (Per Contact): 2A max.

Mechanical:

Working Stroke & Force: 0.8mm (per Contact) @ 60gf max.

Durability: 10,000 cycles min. @ 0.8mm stroke

Magnet: 3500±200 Gs

Temperature Rating:

Operating temperature: -30°C to +85°C

Electrical Test:

Contact resistance: 2 mohms max.

Insulation resistance: 10 Mohms min. @ 300 VDC

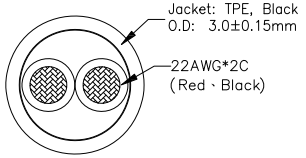
All Assemblies must be 100% Tested for Shorts, Open, Continuity, and Physical Appearance.

Bending test: 200g±60°, 30cycle/min, 2,000 cycle

Environmental:

Lead free, RoHS compliant.

RoHS COMPLIANT



CABLE SPEC:

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE MILLIMETERS
TOLERANCES: EXCEPT AS NOTED

Millimeters		HOLES	
X.	± 0.20	X°	±2°
.X	± 0.15	.X°	±0.5°
.XX	± 0.10		

APPROVALS		DATE
DRAWN	HR	7/3/17
CHECKED	CK	7/3/17
APPROVED		

ADAM TECH
909 Rahway Avenue,
Union, NJ 07083
Phone: 908-687-5000
Fax: 908-687-5710

TITLE: 1.80MM PITCH POGO PIN CABLE, MALE, 5P

SIZE	PART NO.	REV.
X	CA-RA5-PH1-181279-M	A

REF: S00185C | SCALE: NTS | SHEET 1 OF 1