Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

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Email & Skype: info@chipsmall.com Web: www.chipsmall.com
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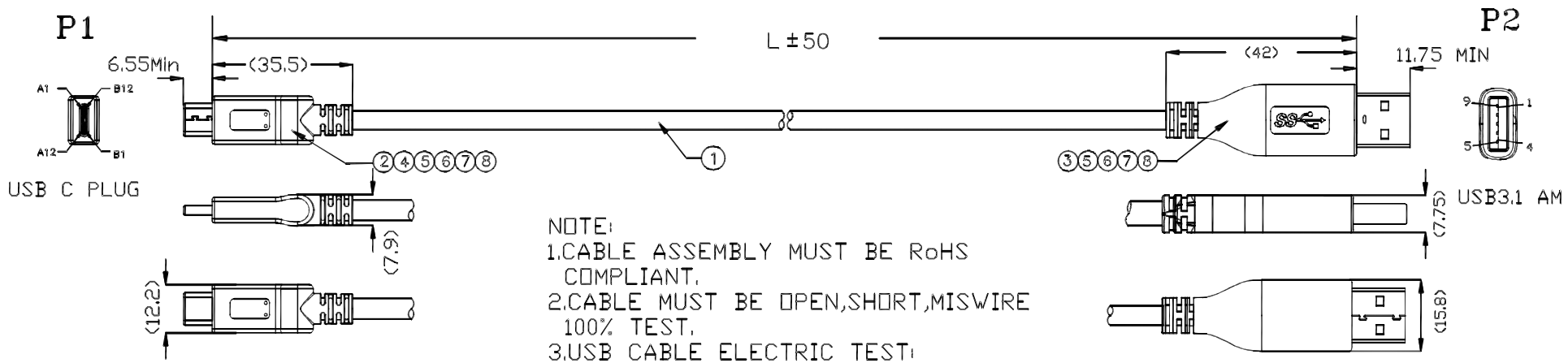

NOTE:
1.CABLE ASSEMBLY MUST BE RoHS COMPLIANT.
2.CABLE MUST BE OPEN,SHORT,MISWIRE 100% TEST.
3.USB CABLE ELECTRIC TEST:
A.VOLTAGE: 300V DC.
B.CONTACT RESISTENCE: 5 Ohm Max.
C.INSULATION RESISTENCE:2M Ohm Min.

P1		WIRING DIAGRAM			P2	
USB C PLUG		WIRE			USB 3.1 AM	
PIN	SIGNAL NAME	WIRE NUMBER	SIGNAL NAME	WIRE COLOR & AWG	PIN	SIGNAL NAME
A1,B1, A12,,B12	GND	1,7,10	GND_PVRr+1 SDP1_DRAIN,SDP2_DRAIN	BLACK SDP1+SDP2 DRAIN	4 7	GND GND_DRAIN
A4,B4, A9,B9	VBUS	2	PVR_VBUS1	RED,	1	VBUS
A5	CC	N/A				
B5	VCONN	N/A				
A6	Dp1	3	UTP_Dp	GREEN	3	D+
A7	Dn1	4	UTP_Dn	WHITE	2	D-
A2	SSTXp1	5	SDPp1	YELLOW	6	StdA_SSRX+
A3	SSTXn1	6	SDPn1	BLUE	5	StdA_SSRX-
B11	SSRXp1	8	SDPp2	ORANGE	9	StdA_SSTX+
B10	SSRXn1	9	SDPn2	PURPLE	8	StdA_SSTX-
SHELL	SHIELD	BRIAD	SHIELD	BRIAD	SHELL	SHIELD

NO.	TITLE	DESCRIPTION
8	Over Mold	PVC COLOR BLACK
7	InnerMold	PE
6	FOIL	COPPER FOIL
5	TIN	TIN STICK,TIN WIRE
4	PCB	PCB
3	CONN P2	USB3.1 A MALE,BLUE INSULATOR, CONTACT PLATING Au 30u' SHELL PLATED NICKEL,(W/TIN PLATE)
2	CONN P1	USB C PLUG, BLACK INSULATOR,CONTACT PLATING: Pd-Ni 28u'+Gold 2u' SHELL PLATED NICKEL,(W/TIN PLATE)
1	CABLE	USB 3.1 CABLE,BLACK PVC JACKET OD:5.2mm ①

RoHS compliant
Unit: mm

Scale	Free
TOLERANCE	
X.	±1
.X	±0.5
.XX	±0.25
DIM	TOL
Angle	TOL

Id.	Modification	Date	Name
①	Add OD size	15.03.2017	Amy
⓪	Drawn	31.03.2015	Joanna

	Date	Name
Drawn	31.03.2015	Joanna
Approved	15.03.2017	Amy

ASSMANN wsw components

Customer-No.

ASSMANN WSW-No.
A-USB31C-31A-XXX

Drawing-No.
ASS 7351 CA

rev01

Replace

Sheet