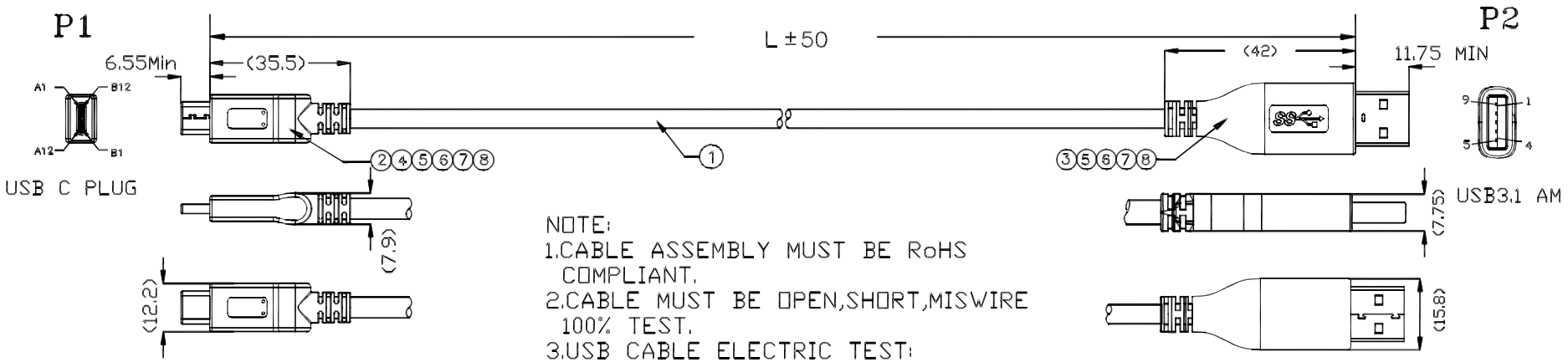

NOTE:
1.CABLE ASSEMBLY MUST BE RoHS COMPLIANT.
2.CABLE MUST BE OPEN,SHORT,MISWIRE 100% TEST.
3.USB CABLE ELECTRIC TEST:
A.VOLTAGE: 300V DC.
B.CONTACT RESISTENCE: 5 Ohm Max.
C.INSULATION RESISTENCE:2M Ohm Min.

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_PWRrt1 SDP1_DRAIN,SDP2_DRAIN	BLACK SDP1+SDP2 DRAIN	4 7	GND GND_DRAIN
A4,B4, A9,B9	VBUS	2	PWR_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

RoHS compliant
Unit: mm

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

Id.	Modification	Date	Name
0	Drawn	31.03.2015	Joanna

	Date	Name
Drawn	31.03.2015	Joanna
Approved	31.03.2015	Joanna

ASSMANN WSW components

Customer-No.

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

Drawing-No.
ASS 7351 CA

rev00

Replace

Sheet

SV3725