



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 RESISTANCE: 5 Ohm Max,
 C.INSULATION RESISTANCE:2M Ohm Min,

8	Over hold	PVC COLOR BLACK
7	Innerhold	PE
6	FOIL	COPPER FOIL
5	TIN	TIN STICK,TIN WIRE
4	PCB	PCB
3	CONN P2	US31A WALE,BLUE INSULATOR, CONTACT PLATING AU 30u" SHELL PLATED NICKEL,(V/TIN PLATED)
2	CONN P1	USB C PLUG, BLACK INSULATOR,CONTACT PLATING Pd-Ni 80u"+Gold 2u" SHELL PLATED NICKEL,(V/TIN PLATED)
1	CABLE	USB 3.1 CABLE,BLACK PVC JACKET OD:5.2mm ①
NO.	TITLE	DESCRIPTION

USB C PLUG	WIRING DIAGRAM		USB 3.1 AM
PTN	SIGNAL NAME	WIRE NUMBER	SIGNAL NAME & AVG
A4,B1	GND	1,7,10	BLACK
A5,B2	V BUS	2	RED
A6,B3	V BUS	3	RED
A7,B4	V BUS	4	RED
A8,B5	V BUS	5	RED
A9,B6	V BUS	6	RED
A10,B7	V BUS	7	RED
A11,B8	V BUS	8	RED
A12,B9	V BUS	9	RED
A13,B10	V BUS	10	RED
A14,B11	V BUS	11	RED
A15,B12	V BUS	12	RED
A16,B13	V BUS	13	RED
A17,B14	V BUS	14	RED
A18,B15	V BUS	15	RED
A19,B16	V BUS	16	RED
A20,B17	V BUS	17	RED
A21,B18	V BUS	18	RED
A22,B19	V BUS	19	RED
A23,B20	V BUS	20	RED
A24,B21	V BUS	21	RED
A25,B22	V BUS	22	RED
A26,B23	V BUS	23	RED
A27,B24	V BUS	24	RED
A28,B25	V BUS	25	RED
A29,B26	V BUS	26	RED
A30,B27	V BUS	27	RED
A31,B28	V BUS	28	RED
A32,B29	V BUS	29	RED
A33,B30	V BUS	30	RED
A34,B31	V BUS	31	RED
A35,B32	V BUS	32	RED
A36,B33	V BUS	33	RED
A37,B34	V BUS	34	RED
A38,B35	V BUS	35	RED
A39,B36	V BUS	36	RED
A40,B37	V BUS	37	RED
A41,B38	V BUS	38	RED
A42,B39	V BUS	39	RED
A43,B40	V BUS	40	RED
A44,B41	V BUS	41	RED
A45,B42	V BUS	42	RED
A46,B43	V BUS	43	RED
A47,B44	V BUS	44	RED
A48,B45	V BUS	45	RED
A49,B46	V BUS	46	RED
A50,B47	V BUS	47	RED
A51,B48	V BUS	48	RED
A52,B49	V BUS	49	RED
A53,B50	V BUS	50	RED
A54,B51	V BUS	51	RED
A55,B52	V BUS	52	RED
A56,B53	V BUS	53	RED
A57,B54	V BUS	54	RED
A58,B55	V BUS	55	RED
A59,B56	V BUS	56	RED
A60,B57	V BUS	57	RED
A61,B58	V BUS	58	RED
A62,B59	V BUS	59	RED
A63,B60	V BUS	60	RED
A64,B61	V BUS	61	RED
A65,B62	V BUS	62	RED
A66,B63	V BUS	63	RED
A67,B64	V BUS	64	RED
A68,B65	V BUS	65	RED
A69,B66	V BUS	66	RED
A70,B67	V BUS	67	RED
A71,B68	V BUS	68	RED
A72,B69	V BUS	69	RED
A73,B70	V BUS	70	RED
A74,B71	V BUS	71	RED
A75,B72	V BUS	72	RED
A76,B73	V BUS	73	RED
A77,B74	V BUS	74	RED
A78,B75	V BUS	75	RED
A79,B76	V BUS	76	RED
A80,B77	V BUS	77	RED
A81,B78	V BUS	78	RED
A82,B79	V BUS	79	RED
A83,B80	V BUS	80	RED
A84,B81	V BUS	81	RED
A85,B82	V BUS	82	RED
A86,B83	V BUS	83	RED
A87,B84	V BUS	84	RED
A88,B85	V BUS	85	RED
A89,B86	V BUS	86	RED
A90,B87	V BUS	87	RED
A91,B88	V BUS	88	RED
A92,B89	V BUS	89	RED
A93,B90	V BUS	90	RED
A94,B91	V BUS	91	RED
A95,B92	V BUS	92	RED
A96,B93	V BUS	93	RED
A97,B94	V BUS	94	RED
A98,B95	V BUS	95	RED
A99,B96	V BUS	96	RED
A100,B97	V BUS	97	RED
A101,B98	V BUS	98	RED
A102,B99	V BUS	99	RED
A103,B100	V BUS	100	RED

1		2		3		4		5		6		7	
<p style="text-align: center;">RoHS compliant Unit: mm</p>													
Scale		Free		TOLERANCE		DIM		Angle		TOL		Id.	
X.		±1		.X		±0.5		.XX		±0.25		①	
ADD OD size		15.03.2017		Amy		①		Drawn		31.03.2015		Joanna	
Date		31.03.2015		Joanna		Approved		15.03.2017		Amy		ASSMANN WSW-No.	
Name		Joanna		Amy		Customer-No.		ASSMANN WSW-No.		A-USB31C-31A-XXX		Drawing-No.	
Date		31.03.2015		Joanna		Name		Amy		ASSMANN WSW-No.		A-USB31C-31A-XXX	
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