



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.

P1		WIRING DIAGRAM					P2	
USB C PLUG		WIRE			USB2.0 Micro USBM			
PIN	SIGNAL NAME	WIRE NUMBER	SIGNAL NAME	Wire COLOR & AWG	PIN	SIGNAL NAME		
A1,B1,A12,,B12	GND	1	GND_PWRrt1	BLACK	5	GND		
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-		
			N/A		4	ID		
SHELL	SHIELD	BRIAD	SHIELD	BRIAD	SHELL	SHIELD		

NO.	TITLE	DESCRIPTION
8	Over Mold	PVC COLOR BLACK
7	INNER Mold	PE
6	FOIL	COPPER FOIL
5	TIN	TIN STICK, TIN WIRE
4	PCB	PCB
3	CONN#2	USB2.0 MICRO USB M,BLACK INSULATOR, CONTACT PLATING: Au 30u' SHELL PLATED NICKEL,(V/TIN PLATE)
2	CONN#1	USB C TYPE,BLACK INSULATOR,CONTACT PLATING: Pd-Ni 28u'+Gold 2u' SHELL PLATED NICKEL,(V/TIN PLATE)
1	CABLE	USB 2.0 CABLE, BLACK PVC JACKET

G	RoHS compliant Unit: mm	Scale	FREE				Date	Name	Customer-No.	
		TOLERANCE					Drawn	31.03.2015	Joanna	ASSMANN WSW-No. A-USB31C-20MB-XXX
		X.	±1				Approved	31.03.2015	Joanna	
H		.X	±0.5						Drawing-No.	
		.XX	±0.25						ASS 7350 CA	rev00
		DIM	TOL						Replace	Sheet
		Angle	TOL	Id.	Modification	Date	Name			