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E	NOTES: 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: 5ohms max. C. Insulation Resistance: 2M ohms min.		<table><tr><th colspan="2">P2</th><th colspan="3">WIRING DIAGRAM</th><th colspan="2">P1</th></tr><tr><th colspan="2">USB C PLUG</th><th colspan="3">WIRE</th><th colspan="2">USB 2.0 AM</th></tr><tr><th>PIN</th><th>SIGNAL NAME</th><th>WIRE NUMBER</th><th>SIGNAL NAME</th><th>COLOR AWG</th><th>PIN</th><th>SIGNAL NAME</th></tr><tr><td>A1,B1,A12,B12</td><td>GND</td><td>1</td><td>GND_PWRr1</td><td>BLACK</td><td>4</td><td>GND</td></tr><tr><td>A4,B4,A9,B9</td><td>VBUS</td><td>2</td><td>PWR_VBUS1</td><td>RED</td><td>1</td><td>VBUS</td></tr><tr><td>A5</td><td>CC</td><td colspan="5">W/RESISTOR</td></tr><tr><td>B5</td><td>VCONN</td><td colspan="5">N/A</td></tr><tr><td>A6</td><td>Dp1</td><td>3</td><td>UTP_Dp</td><td>GREEN</td><td>3</td><td>D+</td></tr><tr><td>A7</td><td>Dn1</td><td>4</td><td>UTP_Dn</td><td>WHITE</td><td>2</td><td>D-</td></tr><tr><td>SHELL</td><td>SHIELD</td><td>BRIAD</td><td>SHIELD</td><td>BRIAD</td><td>SHELL</td><td>SHIELD</td></tr></table>				P2		WIRING DIAGRAM			P1		USB C PLUG		WIRE			USB 2.0 AM		PIN	SIGNAL NAME	WIRE NUMBER	SIGNAL NAME	COLOR AWG	PIN	SIGNAL NAME	A1,B1,A12,B12	GND	1	GND_PWRr1	BLACK	4	GND	A4,B4,A9,B9	VBUS	2	PWR_VBUS1	RED	1	VBUS	A5	CC	W/RESISTOR					B5	VCONN	N/A					A6	Dp1	3	UTP_Dp	GREEN	3	D+	A7	Dn1	4	UTP_Dn	WHITE	2	D-	SHELL	SHIELD	BRIAD	SHIELD	BRIAD	SHELL	SHIELD	<table><tr><th>WSW PN</th><th>Length (meter)</th></tr><tr><td>A-USB31C-20A-050</td><td>0.5 ± 0.030</td></tr><tr><td>A-USB31C-20A-100</td><td>1.0 ± 0.050</td></tr><tr><td>A-USB31C-20A-150</td><td>1.5 ± 0.050</td></tr><tr><td>A-USB31C-20A-200</td><td>2.0 ± 0.060</td></tr><tr><td>A-USB31C-20A-300</td><td>3.0 ± 0.090</td></tr><tr><td>A-USB31C-20A-400</td><td>4.0 ± 0.120</td></tr><tr><td>A-USB31C-20A-500</td><td>5.0 ± 0.150</td></tr></table>		WSW PN	Length (meter)	A-USB31C-20A-050	0.5 ± 0.030	A-USB31C-20A-100	1.0 ± 0.050	A-USB31C-20A-150	1.5 ± 0.050	A-USB31C-20A-200	2.0 ± 0.060	A-USB31C-20A-300	3.0 ± 0.090	A-USB31C-20A-400	4.0 ± 0.120	A-USB31C-20A-500	5.0 ± 0.150	E
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