




All cables are PTFE cables

Project: RuggedPOD				 by Spitz-Desktop Systems	
	NAME	DATE	DO NOT SCALE DRAWING	REVISION B	TITLE:
DRAWN	JJ Chanut	07/03/2016	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:		ATX
			MATERIAL: Follow BOM		Part number 14-009-061R-XXX-025
			WEIGHT:		A4
			SCALE:1:1		SHEET 1 OF 3

	6	5	4	3	2	1	
D	Article	Description	Cable Diameter	Serial number	qty	Lenght	Connector #
	5	Orange wire	22 AWG	To define	2	37cm	NA
	6	Red Wire	22 AWG	To define	2	37cm	NA
	7	Black Wire	22 AWG	To define	7	37cm	NA
	8	Purple Wire	22 AWG	To define	1	37cm	NA
	9	Yellow Wire	22 AWG	To define	2	37cm	NA
	10	Green Wire	22 AWG	To define	1	37cm	NA
	11	Blue Wire	22 AWG	To define	1	37cm	NA
	12	Yellow Wire	22 AWG	To define	2	10cm	NA
	13	Orange Wire	22 AWG	To define	1	10cm	NA
	14	Red Wire	22 AWG	To define	1	10cm	NA
	15	Black Wire	22 AWG	To define	1	10cm	NA
	16	Yellow Wire	22 AWG	To define	3	18cm	NA
	17	Red Wire	22 AWG	To define	3	18cm	NA
	18	Black Wire	22 AWG	To define	6	18cm	NA
C	1	Receptacle Housing, Dual Row, 20 Circuits	Molex	39-01-2200	1	NA	P4
	2	Receptacle Housing, Dual Row, 4 Circuits	Molex	39-01-2040	1	NA	P5
	3	Receptacle Housing, Dual Row, 24 Circuits	Molex	39-01-2240	1	NA	P1
	4	1.27mm Pitch Crimp Housing for SATA Power Cable	Molex	67582-0000	2	NA	P3
	19	Power connector	Molex	15-24-4048	1	NA	P2
B							
A							
	6	5	4	3	2	1	

Project: RuggedPOD							
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			MATERIAL: Follow BOM		Part number		A4
					14-009-061R-XXX-025		
			WEIGHT:		SCALE:1:1		SHEET 2 OF 3

	6		5		4		3		2		1																
D	From		To	Through		To	Through		To	Through		To															
	P3b	Wire Color	Wire article	P3a	Wire color	Wire article	P2	Wire color	Wire article	P1	Wire color	wire article	P4	Wire color	wire article	P5											
										1	Orange	5	1														
										2																	
										3	Black	7	3	Black	7	1											
										4	Red	6	4														
	4	Black	18	4	Black	18	2	Black	18	5																	
	3	Red	17	3	Red	17	4	Red	17	6																	
	2	Black	18	2	Black	18	3	Black	18	7																	
										8	Grey		8														
C										9	Purple	8	9														
	5	Yellow	16	5	Yellow	16	1	Yellow	16	10	Yellow	9	10	Yellow	9	4											
										11																	
										12																	
										13	Orange	5	11														
										14	Blue	11	12														
										15	Black	7	13	Black	7	2											
										16	Green	10	14														
										17	Black	7	15														
										18	Black	7	16														
B										19	Black	7	17														
										20																	
										21	Red	6	19														
										22																	
										23																	
										24																	
	P5 connector interconnection cabling				P1 connector interconnection cabling																						
	Pin	Wire color	Wire article	Pin	Pin	Wire color	Wire article	Pin																			
	3	Yellow	12	4	1	Orange	13	12																			
					10	Yellow	12	11																			
				19	Black	15	24																				
				21	Red	14	23																				
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	6		5		4		3		2		1																