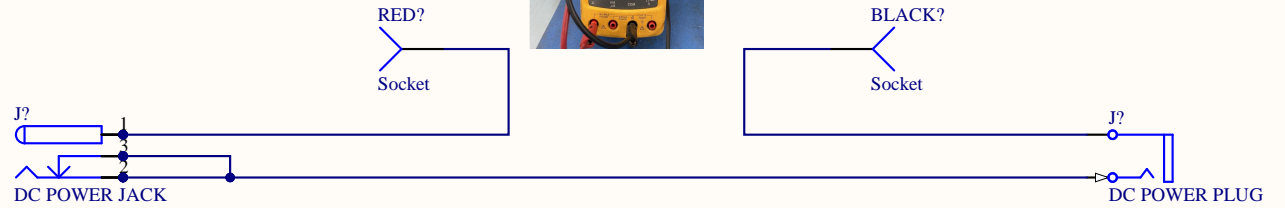


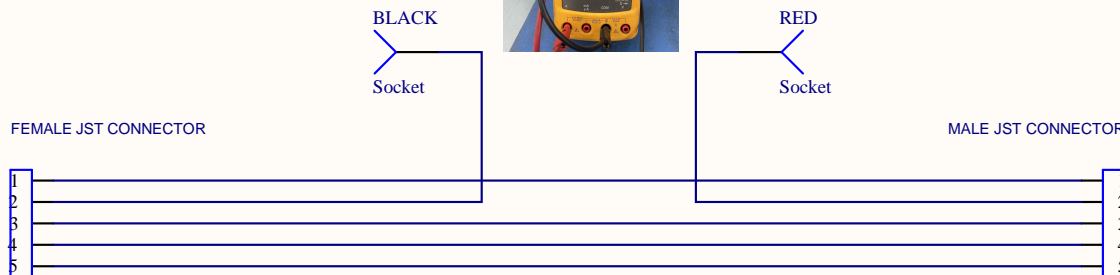


FLUKE 87, 187, OR 89. NEEDS TO HAVE FAST CAPTURE MODE



SMARTBELL CURRENT TEST HARNESS. FULL CUSTOM HARNESS

FLUKE 87, 187, OR 89. NEEDS TO HAVE FAST CAPTURE MODE



RESISTANCE CURRENT TEST HARNESS. USE 425596 HARNESS FOR THIS MOD

Title		
Size A	Number	Revision
Date:	3/25/2021	Sheet of
File:	C:\Users\...\Current_Testing.SchDoc	Drawn By:

Comment	Description	Designator	Footprint	LibRef	Quantity
Header 4	Header, 4-Pin	4-pin_156_MTA	HDR1X4	Header 4	1
Header 10	Header, 10-Pin	10-pin MTA	HDR1X10	Header 10	1
Socket	Socket	BLACK, BLACK7, RED, HD7, uController_GND, uController_P3[S]	PIN1	Socket	6
HDR8PIN_2X4_100	Header, 8 Pins, 0.100 in, Dual Row, AMP-103328-4 or equivalent	Board_Console, Kiwi_to_Console	HDR8PIN_2X5_100	19156	2
HDR5PIN	Header, 5 Pins, 2.50mm, Vertical, Through hole, single row, Shrouded, JST-B05B-XASK-1-A	Board_Resistance, FEMALE JST CONNECTOR, HD3, MALE JST CONNECTOR, Resistance motor, USB_to_RS485_Adapter, USB_to_RS485_Adapter_from_RaspberryPi3b	HDR5PIN_JST_XA_2.5 MM	342211	7
HDR2PIN	Header, 2 Pins, 2.50mm, Vertical, Through hole, single row, Shrouded, JST-B02B-XASK-1-A	Board_Tach	HDR2PIN_JST_XA_2.5 MM	342208	1
HDR4PIN	Header, 4 Pins, 2.50mm, Vertical, Through hole, single row, Shrouded, JST-B04B-XASK-1-A	CONN1JST_VH_156 (4 11732)	HDR4PIN_JST_XA_2.5 MM	342210	2
HDR12PIN100SHRD	Header, 12 Pins, 0.100 in, Shrouded, Ting Zi018-W012P no alternates, Header, 12 pins Pins, 0.1 in, Shrouded, AMP: 3-644861-2	HD1, HD7, MCS100_EXT_4BW	HDR12PIN100SHRD	293272, 1763	4
HDR2PIN	Header, 2 Pins, 2.50mm, Right Angle, Through hole, single row, Shrouded, CJT-A2508WR-F-2P	HD4, RaspberryPi3b, VIN_5VDC_to_12VDC	HDR2PIN_rightangle_2.5mm	342769	3
HDR4PIN100SHRD	Header, 4 pin Pins, 0.100 in, Shrouded, AMP: 644486-4	HD?	HDR4PIN100SHRD	1768	1
HDR5PIN100SHRD	Header, 5 pin Pins, 0.100 in, Shrouded, AMP: 644486-5	HD?	HDR5PIN100SHRD	1770	2
HDR9PIN100SHRD	Header, 9 Pins Pins, 0.1 in, Shrouded, AMP: 644486-9	HD?	HDR9PIN100SHRD	2327	1
HDR-DC-PWR_CLI-PJ102AH	Header, 3 Pins, DC BARREL JACK, CLI stack, PJ-060A or exact equivalent	HD?	HDR-DC_POWER	19154	1
HDR12PIN2_5MMSHRD	Header, 12 Pins, 2.5mm, Shrouded, Hsuan Mao, 7600-12PST or equivalent	J8 pin 40 - pin 1, J8 pin 17 - pin 1	HDR12PIN2_5MMSHRD	10666	2
Black_to_Multimeter	Socket	J?	PIN1	Socket	1
DC POWER JACK	Low Voltage Power/Supply Connector	J?	KLD-0202	PWR2.5	2
DC POWER PLUG	RCA Phono Jack, Right Angle, Thru-Hole, Snap-In	J?	RCA/4.5-H2	RCA	1
Plug AC Female	IEC Mains Power Outlet, EN60320-2-2 F Class I, PC Flange Rear Mount, Chassis Socket	J?	IEC7-2H3	Plug AC Female	2
Red_to_Multimeter	Socket	J?	PIN1	Socket	1
HDR8PIN	Header, 8 Pins, 2.50mm, Vertical, Through hole, single row, Shrouded, JST-B08B-XASK-1-A	JST_to_Console, JST_to_Console?, to_EOF1259_Boston1, to_EOF1259_TREAD1	HDR8PIN_JST_XA_2.5 MM	342214	4
HDR4PIN100SLDR	Header, 4 pin Pins, 0.100 in, Solder, Part of the PCB, NOT a component	JST_to_Tablet_	4PIN100SLDR	6327	1
HDR_10PIN_DUALROW	Header, 10 Pins, 2.50mm, Vertical, Through hole, dual row, Shrouded, JST-B10B-XADSS-N-A	Kiwi_to_Motor_Controller, SWITCH BOX	HDR_2.5MM_10PIN_JST_XAD	343791	2
DRWV 378026	Header, 3-Pin	P?	MHDR1X3	MHDR1X3	1
Plug AC Male	IEC Mains Power Inlet, EN60320-1 C14 Class I Cold Condition, PC Flange Rear Mount, Chassis Plug	P?	IEC9.14-2H3	Plug AC Male	1
ToPsc48LE	Header, 3-Pin	P?	HDR1X3	Header 3	1
RESISTOR_SMT	Resistor, 9.09K, ThickFilm, 1%, 0603, 1/10W, Any	R?	0603	311405	5
HDR8PIN_1.5mm_DR_VERT	Header, 8 Pins, 1.5mm, Shrouded, AMP: 292207-8	Raspberry_Pi_3b	HDR8PIN_1.5mm_DR_8PIN_VERT	16901	1
Header 8	Header, 8-Pin	Red_DIN	HDR1X8	Header 8	1
SW-DPDT	Double-Pole, Double-Throw Switch	RUN/COMMUNICATION	DPDT-6	SW-DPDT	1
o-3A/c-4A	Single-Pole, Single-Throw Switch	S?	SPST-2	SW-SPST	1
SW-DPST	Double-Pole, Single-Throw Switch	S?	DPST-4	SW-DPST	1
Relay-SPST	Single-Pole Single-Throw Relay	SSR_CX2400S	MODULE4	Relay-SPST	1
HDR10PIN	Header, 10 Pins, 2.50mm, Vertical, Through hole, single row, Shrouded, JST-B10B-XASK-1-A	to_Console	HDR10PIN_JST_XA_2.5MM	342216	1
HDR12PIN100SLDR	Header, 12 Pins, 0.100 in, Solder, Part of PCB, not a component	to_EOF1259_Boston2	12PIN-SLDR-HDR2	6330	1
Header 6	Header, 6-Pin	Yellow_DIN	HDR1X6	Header 6	1