

Connector	Receptcl/Socket	D-Sub RCPT 25POS IDC	3M	8350-7005	3M15414-ND	1	1001
*	Plug	D-Sub Plug 25POS IDC	3M	8225-8000	3M15408-ND	1	1001
*Str Relief	Back Shell	Backshell DB25 Flat Ribbon - Gray	Norcomp	976-025-010R031	976-25RPE-ND	1	750
Cable	Flat Ribbon Cable	25Cond Ribbon LT GRY 100FT (16cm)	3M	HF365/25SF	MD25R-100-ND	1	4
Switch	Micro Limit SW	Switch SIM Roll SPDT 3A 125V	Omron	SS-3GL13PT	SW768-ND	3	2300
Connector	LCD Con Housing	8-POS .100 Dual (Black)	Molex	22-55-2081	WM2521-ND	1	1001
Connector	LCD Con Housing	20-POS .100 Dual (Black)	Molex	22-55-2201	WM2527-ND	1	1001
Connector	LCD Socket	IDC 10POS Dual 30AU	FCI	71600-010LF	609-1739-ND	2	1500?
Connector	Thermistor/switch	Connector Housing 2POS .100 W/Latch	Molex	0050579452	WM2900-ND	10	7500
Connector	Motor Conn	Connector Housing 4POS .100 W/Latch	Molex	0050579404	WM2902-ND	11	8500
Connector	Switch Conn	Connector Housing 3POS .100 W/Latch	Molex	0050579403	WM2901-ND	3	2200
* Connector	Housing	Conn Housing Male 2POS .100	Molex	0701070001	WM2533-ND	5	3700
* Connector	Housing	Conn Housing Male 4POS .100	Molex	0701070003	WM2535-ND	6	4500
Connector	Socket/ Female	Conn. Term Female 22-24AWG Tin	Molex	0016020102	WM2510-ND	86	5000
		Connector Term Female 22-24AWG Tin Tape reel of 20,000	Molex	0016020086	WM2510TR-ND	86	3
* Connector	Pin/ Male	Conn Term Male Pin 24-30AWG Tin	Molex	0016020108	WM2565-ND	8	1000
		Conn Term Male Pin 24-30AWG Tin Tape reel of 20,000	Molex	0016020105	WM2565TR-ND	8	1
Terminal	Switch connect	Conn Recept Faston 22-26AWG .110	TE Conn.	7-520366-2	A27793-ND	6	4800
Terminal	24V Pwr Switch	Conn Fast Receptacle14-16 AWG .250	TE Conn.	3-350820-2	A27824-ND	5	4000
Terminal	Grounding	Term Ring Non Ins 26-22AWG #4	Panduit	P22-4R-M	298-10067-ND	4	3200
Switch	Power Switch	Switch Rocker DPST 20A 125V	E-Switch	R5ABLKBLKFF0	EG1529-ND	1	800
	(2nd Source)	Switch Rocker DPST 16A 125V	Cherry	WRG32F2FBBNN	CH784-ND		
Wire/Cable	Motor Power	Shielded 4Cond 22AWG / 100Ft	Gen Cable	C07623.12.10	W504-100-ND		
		Shielded 4Cond 22AWG / 500 ft			W504-500-ND		1
		Shielded 4Cond 22AWG / 1000 ft			W504-1000-ND		7
Wire	Bed Heat Power	16AWG Stranded – Violet – 100 ft	Gen Cable	C2065A.12.19	C2065V-100-ND		
		16AWG Stranded – Violet – 1000 ft	Gen Cable	C2065A.12.19	C2065V-1000-ND		2
Wire	Bed Thermistor	24AWG Stranded – Yellow – 100 ft	Gen Cable	C2015A.12.05	C2015Y-100-ND		

Type	Description	Spec / Details	MFG	MFG Part No	DiGiKEY Part No	Qty/ Mach	Qty Order
		24AWG Stranded – Yellow – 1000 ft	Gen Cable	C2015A.21.05	C2015Y-1000-ND		4
Wire	Extrd Power (2)	24AWG Stranded – Red – 100 ft	Gen Cable	C2015R.12.03	C2015R-100-ND		
		24AWG Stranded – Red – 1000 ft	Gen Cable	C2015R.21.03	C2015R-1000-ND		11
Wire	Extrd Thermist (2)	24AWG Stranded – Orange – 100 ft	Gen Cable	C2015A.12.04	C2015A-100-ND		
		24AWG Stranded – Orange – 1000 ft	Gen Cable	C2015A.21.04	C2015A-1000-ND		7
Wire	Extrd Fan (2)	24AWG Stranded – Red – 100 ft	Gen Cable	C2015R.12.03	C2015R-100-ND		
		24AWG Stranded – Red – 1000 ft	Gen Cable	C2015R.21.03	C2015R-1000-ND		
Wire		24AWG Stranded – Black – 100 ft	Gen Cable	C2015A.12.01	C2015B-100-ND		
		24AWG Stranded – Black – 1000 ft	Gen Cable	C2015A.21.01	C2015B-1000-ND		12
Wire	Extrd Motor (2)	Same as Motor Power Wire - 90 mm					
Wire	24VDC	16AWG Stranded – Red – 100 ft	Gen Cable	C2065A.12.03	C2065R-100-ND		
		16AWG Stranded – Red – 1000 ft	Gen Cable	C2065A.21.03	C2065R-1000-ND		2
Wire	24VDC Common	16AWG Stranded – Yellow – 100 ft	Gen Cable	C2065A.12.05	C2065Y-100-ND		2
		16AWG Stranded – Yellow – 1000 ft	Gen Cable	C2065A.21.05	C2065Y-1000-ND		
Wire	Z-Right Motor	Same as Motor Power Wire - 18.5 mm					
	Z- Left Motor	Same as Motor Power Wire - 185 mm					
Wire	Z- Switch	24AWG Stranded – White – 100 ft	Gen Cable	C2015A.12.02	C2015W-100-ND		
		24AWG Stranded – White – 1000 ft	Gen Cable	C2015A.21.02	C2015W-1000-ND		8
Wire		24AWG Stranded – Black – 100 ft	Gen Cable	C2015A.12.01	C2015B-100-ND		
		24AWG Stranded – Black – 1000 ft	Gen Cable	C2015A.21.01	C2015B-1000-ND		
Wire	X- Motor	Same as Motor Power Wire - 180 mm					
Wire	X- Switch	24AWG Stranded – White – 100 ft	Gen Cable	C2015A.12.02	C2015W-100-ND		
		24AWG Stranded – White – 1000 ft	Gen Cable	C2015A.21.02	C2015W-1000-ND		
Wire		24AWG Stranded – Black – 100 ft	Gen Cable	C2015A.12.01	C2015B-100-ND		
		24AWG Stranded – Black – 1000 ft	Gen Cable	C2015A.21.01	C2015B-1000-ND		
Wire	Y- Motor	Same as Motor Power Wire - 200 mm					
Wire	X- Switch	24AWG Stranded – White – 100 ft	Gen Cable	C2015A.12.02	C2015W-100-ND		

		24AWG Stranded – White – 1000 ft	Gen Cable	C2015A.21.02	C2015W-1000-ND		
Wire		24AWG Stranded – Black – 100 ft	Gen Cable	C2015A.12.01	C2015B-100-ND		
		24AWG Stranded – Black – 1000 ft	Gen Cable	C2015A.21.01	C2015B-1000-ND		
TB	Power Plug	Term Block Plug 6POS STR 5.08MM	Molex	39530-0006	WM7822-ND	1	1001
TB	Heat & Fan	Term Block Plug 2POS STR 5.08MM	Molex	39530-0002	WM7819-ND	5	3800
* Wire Tubing	Corrugated Tubing	TUBING CORRUGATED LOOM .25"X100' - BLACK	Panduit	CLT25F-C20	298-1141-ND	1	

* Part not internal to the box

PARTS Can only order from MOUSER & McMASTER-CARR

Type	Description	Spec / Details	MFG	MFG Part No	MOUSER ELEC.	Qty/ Mach	Qty Order
Connector	Heat Bed Conn. Housing	Heavy Duty Power Connectors PP15/45 HOUSING ONLY - BLACK			879-1327G6-BK (Mouser Part no)	2	1500
Connector	Heat Bed Conn, Terminal	Heavy Duty Power Connectors PP15 #16-20 AWG CONT LOW DETENT			879-1332-BK (Mouser Part No)	2	1500
*Cable	LCD External Flat Cable	Flat Cables .050" 10C Shielded Black 28AWG Stranded	3M	3517/10-1005	517-3517/10	68cm	17
Type	Description	Spec / Details	MFG	MFG Part No	McMaster-Carr	Qty/ Mach	
* Shrink Tubing	Motor EMI Tubing	EMI/RFI-Shield Heat-Shrink Tubing 3/16" ID Before, 3/32" ID After - 48" Length, Black.			7937K21		
Standoff	4-40 Screw Size Hex Standoff	Aluminum Male-Female Threaded Hex Standoff, 3/16" Hex, 3/16" Length,			93505A853 – Screw Size 4-40	2	1500
* Wire Tubing	Corrg. Sleeving Guava 2 nd Extrdr	TUBING CORRUGATED LOOM .25"X100' – BLUE, 1/4", 100ft	Panduit		7700K141		4**
* Wire Tubing	Corrg. Sleeving Pre-Guava 2 nd Extrdr	TUBING CORRUGATED LOOM .25"X100' – BLUE, 3/8", 100ft	Panduit		7700K181		2**

