

P11552 - DLP Prototyping System

Bill of Materials

Part Number	Description	Material	Supplier	Qty
P11552-000	DLP LightCommander	DLP-LC-DLP5500-10R	Logic PD	1
P11552-001	Extruded Aluminum Profile	80/20 2020-145	80/20	4
P11552-002	Extruded Aluminum Profile	80/20 2020-145	80/20	14
P11552-003	Leveler Mount Plate	0.500 AL6061		4
P11552-004	Support Bracket	0.125 AL5052		51
P11552-005	Leveling Mount, Polyethylene Base	23015T65	McMaster-Carr	4
P11552-006	Floor Plate	0.125 AL5052		1
P11552-007	DLP Mount Plate	0.125 AL5052		1
P11552-008	Side Panel, Right	0.063 AL5052		1
P11552-009	Side Panel, Left	0.063 AL5052		1
P11552-010	Rear Panel	0.063 AL5052		1
P11552-011	Cap	0.125 AL5052		4
P11552-012	Snap Bushing	SB 687-9	Heyco	1
P11552-013	Snap Bushing	SB 2500-31	Heyco	3
P11552-014	Door Panel, Front	0.063 AL5052		1
P11552-015	Compression Latch	62-922-45	Southco	2
P11552-016	Adjustable Friction Hinge	1791A48	McMaster-Carr	5
P11552-017	Baseplate	0.250 AL6061		1
P11552-018	Roof Panel	UV Resistant Polycarbonate	Laird Plastics	1
P11552-019	Window	UV Resistant Polycarbonate	Laird Plastics	4
P11552-020	Quartz Plate	SPI 01032-AB	SPI	1
P11552-021	Linear Motor	28F47-05-023ENG	Haydon-Kerk	1
P11552-022	Support Bracket, E-Stop	0.120 304SS		1
P11552-023	Emergency Stop Switch	800T-FX D4	Allen Bradley	1
P11552-024	Build Platform	Dimension Elite 768 SST/BST	Dimension	1
P11552-025	Mount Plate	0.063 AL5052		1
P11552-026	Platform	0.250 AL6061		1
P11552-027	External Linear Nut	E35H4P-5-10	Haydon-Kerk	1
P11552-028	Linear Guide	Nylon		2
P11552-029	Limit Switch	D3M-01K3	Omron	5
P11552-030	Linear Motor	E35H4P-5-10-12	Haydon-Kerk	1
P11552-031	Guide Rail	6061K33	McMaster-Carr	2
P11552-032	Guide Rail Clamp	0.500 AL6061		8
P11552-033	Guide Rail	6061K417	McMaster-Carr	2
P11552-034	Linear Guide	Nylon		4
P11552-035	Transparency Mount Plate	0.500 AL6061		1

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P11552-036	Guide Block	AL6061		2
P11552-037	Linear Motor	E35H4B-05-012	Haydon-Kerk	1
P11552-038	Squeegee Mount	0.120 304SS		1
P11552-039	Platform Mount Brace	0.125 AL5052		1
P11552-040	Stepper Motor Drive Board	XS-3525/8S-4	Xylotex	1
P11552-041	Isolated Breakout Board	PBX-RF	Probotix	1
P11552-042	Drive Plate	AL6061		1
P11552-043	Guide Rail Mount Bracket	0.120 304SS		2
P11552-044	Linear Guide Mount Bracket	0.120 304SS		1
P11552-045	Motor Clamp	0.120 304SS		1
P11552-046	Lift Spring	Ø3/8 x 1		4
P11552-047	Bearing	57155K387	McMaster-Carr	2
P11552-048	Resin Chute	0.060 304SS		2
P11552-049	Splash Guard	0.125 AL5052		1
P11552-050	External Linear Nut	E35H4P-5-10	Haydon-Kerk	1
P11552-051	Drive Block	0.500 AL6061		1
P11552-052	Linear Guide Mount Bracket	0.120 304SS		1
P11552-053	Motor Mount	0.120 304SS		1
P11552-054	Limit Switch Plate	0.120 304SS		1
P11552-055	Shim, Transparency Mount Plate	0.250 AL6061		2
P11552-056	Bezel / Gasket	0.125 AL5052 / 0.125 Cork		1
P11552-057	Riser Block	1.5 x 2 x 3, AL6061		2
P11552-058	Micrometer Head, Mitotoyo	19725A61	McMaster-Carr	2
P11552-059	Doctor Blade	0.500 AL6061		1
P11552-060	Neoprene Squeegee	7343T17	McMaster-Carr	1
P11552-061	Clamp Plate	0.120 304SS		1
P11552-062	Stand, Resin Tank	0.125 AL5052		1
P11552-063	Lid, Resin Tank	0.120 304SS		1
P11552-064	Gasket	0.250 Neoprene		1
P11552-065	Tank, Resin	0.060 304SS		1
P11552-066	Bracket, Strap	0.060 304SS		2
P11552-067	Rubber Strap	1685A29	McMaster-Carr	2
P11552-068	Chute, Resin Tank	0.5 x 2 x 6, Delrin		1
P11552-069	Gasket	0.250 Neoprene		1
P11552-070	Gate, Resin Tank	0.120 304SS		1