

# Bill of Materials

TI DESIGNS

ITEM	QTY	DESCRPTION	MATERIAL	MANUFACTURER	MANUFACTURER PART NUMBER
1	1	HOUSING L1	6061-T6 ALUMINUM		2513368
2	1	HOUSING L2	6061-T6 ALUMINUM		2513370
3	1	HOUSING L3, L4, L5	6061-T6 ALUMINUM		2513372
4	1	MAIN MODULE COVER	RENSHAPE BLACK #7820		2513373
5	1	FILTER FRAME	6061-T6 ALUMINUM		2513374
6	1	BASE PLATE ASSY	6061-T6 ALUMINUM		2513376
7	1	SLIT RETAINER A	6061-T6 ALUMINUM		2513377
8	1	SLIT RETAINER B	6061-T6 ALUMINUM		2513378
9	1	SLIT RETAINER MOUNTING BRACKET - FAB	6061-T6 ALUMINUM		2513379
10	1	SLIT DISK, .050MM	SOFT ELECTROFORMED NICKEL		2513381
11	1	LAMP SOURCE HOUSING	6061-T6 ALUMINUM		2513382
12	1	LAMP FOCUS RING	6061-T6 ALUMINUM		2513383
13	1	HOUSING, CL1	6061-T6 ALUMINUM		2513384
14	1	RETAINER RING, CL1	6061-T6 ALUMINUM		2513385
15	1	CUVETTE HOLDER	6061-T6 ALUMINUM		2513386
16	1	HOUSING, CL2	6061-T6 ALUMINUM		2513388
17	1	RETAINING RING, CL2	6061-T6 ALUMINUM		2513389
18	1	RETAINING RING L1	6061-T6 ALUMINUM		2513390
19	1	FILTER RETAINER SPRING	301 STAINLESS STEEL, 1/2 HARD, GAUGE 38		2513393
20	1	FILTER, IR BANDPASS		JDSU	2513394
21	1	BOTTOM PLATE - FABRICATION	6061-T6 ALUMINUM		2513396
22	1	HOUSING, GRATING	6061-T6 ALUMINUM		2513398
23	1	GRATING (53"-760R)		Richardson Gratings	2513399
24	1	GRATING RETAINING SPRING	301 STAINLESS STEEL, 1/2 HARD, .35MM THICK		2513400
25	1	APERTURE	6061-T6 ALUMINUM		2513402
26	1	RETAINING RING L2	6061-T6 ALUMINUM		2513404
27	1	RETAINING RING, L4	6061-T6 ALUMINUM		2513409
28	1	RETAINING RING, L5	6061-T6 ALUMINUM		2513410
29	1	DETECTOR MOUNTING PLATE	6061-T6 ALUMINUM		2513411
30	1	RETAINING RING, L3	6061-T6 ALUMINUM		2513412
31	4	SHIM, DETECTOR ADJUST, .25MM	SOFT ELECTROFORMED NICKEL		2513414
32	2	SHIM, DETECTOR ADJUST, .50MM	SOFT ELECTROFORMED NICKEL		2513415
33	1	HEATSINK, DETECTOR	6061-T6 ALUMINUM		2513416
34	1	BRACKET, INTERFACE, S241 DMD	6061-T6 ALUMINUM		2513419
35	1	CLAMP, S241 DMD	DELRI, COLOR BLACK		2513420
36	1	IR LAMP		NATIONAL LIGHT TECHNOLOGY	L8008
37	1	40MM FAN GUARD	STEEL, NICKEL-PLATED	McMASTER-CARR	19155K91
38	1	LENS 1		Optimax	60126P41001-REVA
39	1	LENS 2		Optimax	60126P41002-REVA
40	1	LENS 3		Optimax	60126P41003-REVA
41	1	LENS 4		Optimax	60126P41004-REVA
42	1	LENS 5		Optimax	60126P41005
43	4	LOCK NUT, M3	ZINC-PLATED STEEL NYLON-INSERT	McMASTER-CARR	90576A102
44	4	PHILLIPS HEAD, M2 X 3.00 LG	ZINC-PLATED STEEL	McMASTER-CARR	92005A011
45	4	SCREW M3 x. 14MM LG PAN PHIL	ZINC-PLATED STEEL	McMASTER-CARR	92005A124
46	2	STANDOFF, .250HEX 4-40 X .75IN MF	ZINC-PLATED STEEL	McMASTER-CARR	93620A434
47	1	FAN, 40MM x 40MM x 6MM		ADDA	AD0412MX-K90-LF
48	2	COIL SPRING	STAINLESS STEEL	LEE SPRINGS	LC020B01S
49	2	CONDENSER LENS	OPTICAL CROWN GLASS	MELLES GRIOT	LAG-15.0-12.0-C
50	1	DOWEL PIN 1MM DIA X 10MM LG	TYPE 316 STAINLESS STEEL	McMASTER-CARR	93600A034
51	4	DOWEL PIN 1MM DIA X 6MM LG	TYPE 316 STAINLESS STEEL	McMASTER-CARR	93600A032
52	17	DOWEL PIN 3MM DIA X 6MM LG	TYPE 316 STAINLESS STEEL	McMASTER-CARR	93600A108
53	1	InGaAs DETECTOR		JUDSON TELEDYNE	J23TE2-66C-R02M-2.6
54	2	DOWEL PIN, 2x6MM, ALLOY STEEL	ALLOY STEEL	McMASTER-CARR	91595A020
55	1	S241 WXGA PACKAGE		TEXAS INSTRUMENTS	DLP4500NIRFQE
56	2	SCREW 4-40X .25 BUTTON HEAD TORX	18-8 STAINLESS STEEL	McMASTER-CARR	90600A108
57	2	SCREW 6-32 x .25 LG PHP	18-8 STAINLESS STEEL	McMASTER-CARR	91249A144
58	3	SCREW M1.6 x 0.35 x 3.0LG SHCS	ALLOY STEEL	McMASTER-CARR	91290A020
59	10	SCREW M1.6 x 0.35 x 4.0LG SHCS	ALLOY STEEL	McMASTER-CARR	91290A021
60	3	SCREW M2 x 0.40 x. 5.0MM LG PAN PHIL	18-8 STAINLESS STEEL	McMASTER-CARR	95836A107
61	2	SCREW M2.5 x 0.45 x 16.0LG SHCS	ALLOY STEEL	McMASTER-CARR	91290A106
62	1	SCREW M2.5 x 0.45 x 25mm LG SHCS	ALLOY STEEL	McMASTER-CARR	91290A055
63	23	SCREW M2.5 x 0.45 x 6.0LG SHCS	ALLOY STEEL	McMASTER-CARR	91290A101
64	2	SCREW M2.5 x 0.45 x 8.0LG SHCS	ALLOY STEEL	McMASTER-CARR	91290A102
65	4	STANDOFF, .250HEX 4-40 X .25 IN MF	ZINC-PLATED STEEL	McMASTER-CARR	93620A905
66	4	STANDOFF, .250HEX 4-40 X .312IN MF	ZINC-PLATED STEEL	McMASTER-CARR	93620A717
67	2	STANDOFF, .250HEX 4-40 X .437IN MF	ZINC-PLATED STEEL	McMASTER-CARR	93620A729
68	2	STANDOFF, .250HEX 4-40 X 1.25IN MF	ZINC-PLATED STEEL	McMASTER-CARR	93620A437
69	3	WASHER, FLAT, 2.20MM ID X 5MM OD	18-8 STAINLESS STEEL	McMASTER-CARR	93475A195
70	6	WASHER, FLAT, 3.14MM ID X 8MM OD	18-8 STAINLESS STEEL	McMASTER-CARR	96765A110
71	4	WASHER, RUBBER, .12 ID x.25 OD x .06THK	NEOPRENE	McMASTER-CARR	90133A005