

Material Composition for SX-4485A

Sub-component	Material	% of Total Mass	Substance Name	CAS #	Substance Mass (grams)	Special Classification	
Housing	Glass Reinforced PPA	24.918%	PPA	25776-72-1	1.52E+01		
			Glass Fibber	65997-17-3	7.49E+00		
Rear Lid	PBT	9.330%	PBT	26062-94-2	8.33E+00		
			Misc. Not to declare	N/A	1.70E-01		
Torque Array	PCB material	0.650%	Glass Fiber	65997-17-3	3.95E-01		
			Copper	7440-50-8	2.00E-02		
			Nickel	7440-02-0	5.55E-03		
			Gold	7440-57-5	2.31E-03		
			Epoxy resing	N/A	1.69E-01		
	CP Paste	0.220%	Secret Formula	N/A	2.00E-01		
	Position Element	PCB material	6.708%	Glass Fiber	65997-17-3	4.16E+00	
Copper				7440-50-8	1.15E-01		
Nickel				7440-02-0	3.21E-02		
Gold				7440-57-5	1.39E-02		
Epoxy resing				N/A	1.78E+00		
CP Paste		0.220%	Secret Formula	N/A	2.00E-01		
Slip Ring Paste		0.220%	Secret Formula	N/A	2.00E-01		
Plasstic rotor	Glass Reinforced Nylon	14.490%	Glass Fiber	65997-17-3	1.32E+00		
			Nylon 6	25038-54-4	6.60E+00		
			Acrylonitrile, polymer with styrene	9003-54-7	2.77E+00		
			Poly-paraphenylene terephthalamid	26125-61-1	6.60E-01		
			Polytetrafluoroethylene	9002-84-0	1.32E+00		
			Misc. Not to declare	N/A	5.28E-01		
LH3 Rotor Plastic	Glass Reinforced Nylon	13.985%	Glass Fiber	65997-17-3	1.27E+00		
			Nylon 6	25038-54-4	6.37E+00		
			Acrylonitrile, polymer with styrene	9003-54-7	2.68E+00		
			Poly-paraphenylene terephthalamid	26125-61-1	6.37E-01		
			Polytetrafluoroethylene	9002-84-0	1.27E+00		
			Misc. Not to declare	N/A	5.10E-01		
Coupling	Stainless Steel	4.518%	Iron	7439-89-6	2.88E+00		
			Chromium	7440-47-3	7.41E-01		
			Nickel	7440-02-0	4.12E-01		
			Misc. Not to declare	N/A	8.23E-02		
Hog ring	Stainless Steel	1.310%	Iron	7439-89-6	8.36E-01		
			Chromium	7440-47-3	2.15E-01		
			Nickel	7440-02-0	1.19E-01		
			Misc. Not to declare	N/A	2.39E-02		
Grip Ring	Stainless Steel	1.310%	Iron	7439-89-6	8.36E-01		
			Chromium	7440-47-3	2.15E-01		
			Nickel	7440-02-0	1.43E-01		
Contact	Palladium Alloy	0.142%	Palladium	7440-05-3	8.27E-03		
			Nickel	7440-02-0	1.66E-02		
			Tin	7440-31-5	8.86E-03		
			Silver	7440-22-4	7.14E-03		
			Copper	7440-50-8	8.87E-02		
Wire harness	Wire	10.274%	Copper	7440-40-8	4.25E+00		
			Tin	7440-31-5	4.31E-01		
			Polyvinylchloride	9002-86-2	4.68E+00		
	Terminal pin		1.936%	Copper	7440-40-8	1.73E+00	
				Nickel	7440-02-0	1.76E-02	
				Tin	7723-31-5	8.82E-04	
				Phosphorus	7723-14-0	1.59E-02	
	Machined terminal		1.519%	Copper	7440-50-8	7.44E-01	
				Iron	7439-89-6	8.09E-04	
				Lead	7439-92-1	1.62E-01	RoHS exemption 6 (c)
	Connector		3.053%	Tin	7440-31-5	4.77E-01	
				Polypropylene	106565-43-9	2.78E+00	
Tubinf iraxx	Polyolefin resing	1.020%	Hydrogen	1333-74-0	9.01E-01		
			Carbon	7440-44-0	2.79E-02		
Teflon Wahser	Teflon	0.950%	PTFE	9002-84-0	8.65E-01		
Thermal potting cr Nylon		3.183%	Polyamide	32131-17-2	2.61E+00		
			Misc. Not to declare	N/A	2.90E-01		
Label	Polyester label	0.044%	Polyethylene tereohthalate	25038-59-9	4.00E-02		
Total mass					91.10	grams	