

Material Composition for SX-4413A

Sub-component	Material	% of Total Mass	Substance Name	CAS #	Substance Mass (grams)	Special Classification
Housing	Glass Reinforced PPA	26.34%	PPA	25776-72-1	1.52E+01	
			Glass Fibber	65997-17-3	7.49E+00	
Rear Lid	PBT	9.86%	PBT	26062-94-2	8.33E+00	
			Misc. Not to declare	N/A	1.70E-01	
Torque Array	PCB material	0.69%	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	0.23%	Secret Formula	N/A	2.00E-01	
Position Element	PCB material	7.09%	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	
	Slip Ring Paste	0.23%	Secret Formula	N/A	2.00E-01	
Plasctic rotor	Glass Reinforced Nylon	15.32%	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	14.78%	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	4.78%	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	1.39%	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	1.39%	Iron	7439-89-6	8.36E-01	
			Chromium	7440-47-3	2.15E-01	
			Nickel	7440-02-0	1.43E-01	
Contact	Palladium Alloy	0.15%	Palladium	7440-05-3	0.00826848	
			Nickel	7440-02-0	0.01661472	
			Tin	7440-31-5	0.00886464	
			Silver	7440-22-4	0.00714096	
			Copper	7440-50-8	0.0887112	
Wire harness	Wire	4.99%	Copper	7440-40-8	1.950838	
			Tin	7440-31-5	0.197662	
			Polyvinylchloride	9002-86-2	2.1485	
	Terminal pin	2.69%	Copper	7440-40-8	2.19462	
			Tin	7723-31-5	0.11575	
			Phosphorus	7723-14-0	0.00463	
	Machined terminal	1.61%	Copper	7440-50-8	0.744096	
			Iron	7439-89-6	0.0008088	
			Lead	7439-92-1	0.16176	RoHS exemption 6(c)
	Connector	2.99%	Tin	7440-31-5	0.477192	
			PBT	26062-94-2	2.52203	
			Misc. not to declare	N/A	0.05147	
Tubinf iraxx	Polyolefin resing	1.08%	Hydrogen	1333-74-0	0.901421	
			Carbon	7440-44-0	0.027879	
Teflon Wahser	Teflon	1.00%	PTFE	9002-84-0	0.8653	
Thermal potting componen Nylon		3.37%	Polyamide	32131-17-2	2.61	
			Misc. Not to declare	N/A	0.29	
Label	Polyester label	0.05%	Polyethylene tereohthalate	25038-59-9	0.04	
Total Mass					86.18	grams