CRYSTAL UNIT

RoHS Compliance Material Declaration Sheet

SUNNY RoHS Compliant

EU Directive 2002/95 which bans the placing on the EU market of new electrical and electronic equipment containing more than agreed levels of lead, cadmium, mercury, hexavalent chromium, polybrominated biphenyl (PBB) and polybrominated diphenyl ether (PBDE) flame retardants.

■ Product Description : SPO-02

Part information			Component Information	Substance composistion			Content ratio (w/w%)
Part Name	Manufacturer	Weight(g)	Name of component	Substance Name	CAS No.	Weight(g)	
SPO-02	Sunny	4.8783	COVER	Fe	7439-89-6	0.8832	18.10
				Pb	7439-92-1	0.0000	0.00
				Ni	7440-02-0	0.0883	1.81
				Mn	7439-96-5	0.0883	1.81
				Si	7440-21-3	0.0331	0.68
				C	7440-44-0	0.0110	0.23
			BASE HEADER	Fe	7439-89-6	2.9196	59.85
				Mn	7439-96-5	0.0138	0.28
				C	7440-44-0	0.0046	0.09
				Si	7440-21-3	0.0006	0.01
				P	7723-14-0	0.0004	0.01
			SUB STRATE	Al2O3	57292-32-7	0.5773	11.83
				SiO2	14808-60-7	0.0144	0.30
				Fe2O3	7439-89-6	0.0003	0.01
				TiO2	7440-28-0	0.0001	0.00
				MgO	7439-95-4	0.0057	0.12
				CaO	7440-70-2	0.0042	0.09
				K2O	12136-45-7	0.0050	0.10
			SPRING	Carbon steel	65997-19-5	0.0069	0.14
				C	7440-44-0	0.0001	0.00
				Mn	7439-96-5	0.0000	0.00
				Si	7440-21-3	0.0000	0.00
				P	7723-14-0	0.0000	0.00
			BLANK	silicone dioxide	7440-21-3	0.0650	1.33
			ADHESION	silver powder	7440-22-4	0.0040	0.08
				epoxy resin, hardener	111-90-0	0.0005	0.01
				ethylene glycol mono ethyi rther qceate	109-87-5	0.0005	0.01
			ELECTRODE	Ag	7440-22-4	0.0013	0.03
				Fe	7439-89-6	0.0000	0.00
			I.C	silicon	7440-21-3	0.0219	0.45
				aluminum	7429-90-5	0.0001	0.00
			CONDUCTER PASTE	silver	7440-22-4	0.0009	0.02
				glycol ether	111-46-6	0.0000	0.00
				rosion	111-90-0	0.0001	0.00
				terpineol	8000-41-7	0.0001	0.00
				CI pigment green 51	68553-01-5	0.0000	0.00
			OVER GRAZE	Transene glass composition	65997-18-4	0.0120	0.25
				glycol ether	111-46-6	0.0008	0.02
				rosion	111-90-0	0.0008	0.02
				terpineol	8000-41-7	0.0014	0.03
				CI pigment green 51	68553-01-5	0.0002	0.00
			SOLDER PASTE	Sn	7440-31-5	0.0144	0.30
				Ag	7440-22-4	0.0005	0.01
				Copper	7440-50-8	0.0001	0.00
			SOLDER WIRE	Sn	7440-31-5	0.0960	1.97
				Copper	7440-50-8	0.0008	0.02
				Ag	7440-22-4	0.0002	0.00
						4.8783	100.0000