

Material Composition Declaration

PRODUCT TYPE : FN series

Ver.: 2018/10/01

DESCRIPTION : SEAM CXO 7*5(4P)

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No.	Composition part	Material name	Material mass (mg)	Material mass (%)	Element name composition	Element Name (mg)	Element % (by weight)	CAS No.
1	Base	Ceramic	70.0971040	45.51760	Al ₂ O ₃	63.087393600000	90.0000	1344-28-1
					SiO ₂	4.205826240000	6.0000	14808-60-7
					Cr ₂ O ₃	1.401942080000	2.0000	1308-38-9
					Mo	1.401942080000	2.0000	7439-98-7
		Fe-Co-Ni Alloy	18.8445180	12.23670	Fe	9.987594540000	53.0000	7439-89-6
					Ni	5.464910220000	29.0000	7440-02-0
					Co	3.392013240000	18.0000	7440-48-4
		Solder	5.6134540	3.64510	Ag	3.985552340000	71.0000	7440-22-4
					Cu	1.627901660000	29.0000	7440-50-8
		Metallizing	24.6460060	16.00390	W	24.646006000000	100.0000	7440-33-7
Plate Ni	3.8421460	2.49490	Ni	3.842146000000	100.0000	7440-02-0		
Plate Au	0.6568100	0.42650	Au	0.656810000000	100.0000	7440-57-5		
2	Lid	Fe-Co-Ni Alloy	24.0561860	15.62090	Fe	12.894837381580	53.6030	7439-89-6
					Ni	6.940209661000	28.8500	7440-02-0
					Co	4.079929145600	16.9600	7440-48-4
					Mn	0.108252837000	0.4500	7439-96-5
					Si	0.019244948800	0.0800	7440-21-3
					Cr	0.011306407420	0.0470	7440-47-3
					C	0.002405618600	0.0100	7440-44-0
		Electroless Nickel plating	0.1547700	0.10050	Ni	0.140778792000	90.9600	7440-02-0
					P	0.013929300000	9.0000	7723-14-0
					Pb	0.000061908000	0.0400	7439-92-1
3	Blank	SiO ₂	3.4314280	2.22820	SiO ₂	3.431428000000	100.0000	14808-60-7
4	Electrode	Ag	0.8579340	0.55710	Ag	0.857934000000	100.0000	7440-22-4
5	IC	Si	0.2730420	0.17730	Si	0.272195569800	99.6900	7440-21-3
					Al	0.000546084000	0.2000	7429-90-5
					P	0.000027304200	0.0100	7723-14-0
					Other	0.000273042000	0.1000	N/A
6	Adhesive	Ag	1.2768140	0.82910	Silver powder	0.944842360000	74.0000	7440-22-4
					Petroleum solvent	0.102145120000	8.0000	Proprietary
					Silicone resin, Other	0.229826520000	18.0000	Proprietary
7	Gold Wire	Au	0.2497880	0.16220	Au	0.249788000000	100.0000	7440-57-5
			154.00000 mg	Sum = 100				