

ELEMENTAL ANALYSIS



**MAX
245°C**

**MSL
1**

PRODUCT FAMILY	Material	CAS Number	% Normalize for BOM	Wt. Of BOM Item (g)	% by Wt (Comp. Item)	mg/unit	% by Wt Of Unit 9.20	ppm
746X10								
Alumina Ceramic	Al2O3	1344-28-1	0.848	0.00780	100.00%	7.8016	84.80%	848000
					100.00%	7.8016		
Conductor Thick Film	Ag	7440-22-4	0.026	0.00024	99.00%	0.2368	2.57%	25740
	Pd	7440-05-3			1.00%	0.0024	0.03%	260
					100.00%	0.2392		
Resistor Thick Film	RuO2	12036-10-1	0.011	0.00010	30.00%	0.0304	0.33%	3300
	PbO	1317-36-8			10.00%	0.0101	0.11%	1100
	SiO2 (silicon dioxide)	14808-60-7			30.00%	0.0304	0.33%	3300
	B2O3	1303-86-2			30.00%	0.0304	0.33%	3300
					100.00%	0.1012		
Notch Conductor Thick Film	Ag	7440-22-4	0.038	0.00035	100.00%	0.3496	3.80%	38000
					100.00%	0.3496		
Overcoat 1	PbO	1317-36-8	0.015	0.00014	14.00%	0.0193	0.21%	2100
	SiO2 (silicon dioxide)	14808-60-7			43.00%	0.0593	0.65%	6450
	B2O3	1303-86-2			43.00%	0.0593	0.65%	6450
					100.00%	0.1380		
Overcoat 2	PbO	1317-36-8	0.019	0.00017	14.00%	0.0245	0.27%	2660
	SiO2 (silicon dioxide)	14808-60-7			43.00%	0.0752	0.82%	8170
	B2O3	1303-86-2			43.00%	0.0752	0.82%	8170
					100.00%	0.1748		
Marking	PbO	1317-36-8	0.001	0.00001	14.00%	0.0013	0.01%	140
	SiO2 (silicon dioxide)	14808-60-7			43.00%	0.0040	0.04%	430
	B2O3	1303-86-2			43.00%	0.0040	0.04%	430
					100.00%	0.0092		
Underplate	Ni	7440-02-0	0.025	0.00023	100.00%	0.2300	2.50%	25000
					100.00%	0.2300		
Finish Plate	Sn	7440-31-5	0.017	0.00016	90.00%	0.1408	1.53%	15300
	Pb	7439-92-1			10.00%	0.0156	0.17%	1700
			Sum	0.00920	100.00%	0.1564		
			Part Weight	0.00920				
		Totals:		0.00920		9.20	100.00%	1000000