

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 3.60	ppm	
741C or X 08	Alumina Ceramic	Al2O3	1344-28-1	0.848	0.00305	100.00%	3.0528	84.80%	848000
						100.00%	3.0528		
Conductor Thick Film	Ag	7440-22-4	0.026	0.00009	99.00%	0.0927	2.57%	25740	
	Pd	7440-05-3			1.00%	0.0009	0.03%	260	
					100.00%	0.0936			
Resistor Thick Film	RuO2	12036-10-1	0.011	0.00004	30.00%	0.0119	0.33%	3300	
	PbO	1317-36-8			10.00%	0.0040	0.11%	1100	
	SiO2 (silicon dioxide)	14808-60-7			30.00%	0.0119	0.33%	3300	
	B2O3	1303-86-2			30.00%	0.0119	0.33%	3300	
					100.00%	0.0396			
Notch Conductor Thick Film	Ag	7440-22-4	0.038	0.00014	100.00%	0.1368	3.80%	38000	
					100.00%	0.1368			
Overcoat 1	PbO	1317-36-8	0.015	0.00005	14.00%	0.0076	0.21%	2100	
	SiO2 (silicon dioxide)	14808-60-7			43.00%	0.0232	0.65%	6450	
	B2O3	1303-86-2			43.00%	0.0232	0.65%	6450	
					100.00%	0.0540			
Overcoat 2	PbO	1317-36-8	0.019	0.00007	14.00%	0.0096	0.27%	2660	
	SiO2 (silicon dioxide)	14808-60-7			43.00%	0.0294	0.82%	8170	
	B2O3	1303-86-2			43.00%	0.0294	0.82%	8170	
					100.00%	0.0684			
Marking	PbO	1317-36-8	0.001	0.00000	14.00%	0.0005	0.01%	140	
	SiO2 (silicon dioxide)	14808-60-7			43.00%	0.0015	0.04%	430	
	B2O3	1303-86-2			43.00%	0.0015	0.04%	430	
					100.00%	0.0036			
Underplate	Ni	7440-02-0	0.025	0.00009	100.00%	0.0900	2.50%	25000	
					100.00%	0.0900			
Finish Plate	Sn	7440-31-5	0.017	0.00006	90.00%	0.0551	1.53%	15300	
	Pb	7439-92-1			10.00%	0.0061	0.17%	1700	
			Sum	0.00360	100.00%	0.0612			
			Part Weight	0.00360					
		Totals:		0.00360		3.60	100.00%	1000000	