

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 37.10	ppm	
745C or X 10	Alumina Ceramic	Al2O3	1344-28-1	0.848	0.03146	100.00%	31.4608	84.80%	848000
						<b>100.00%</b>	<b>31.4608</b>		
Conductor Thick Film	Ag	7440-22-4	0.026	0.00096	99.00%	0.9550	2.57%	25740	
	Pd	7440-05-3			1.00%	0.0096	0.03%	260	
					<b>100.00%</b>	<b>0.9646</b>			
Resistor Thick Film	RuO2	12036-10-1	0.011	0.00041	30.00%	0.1224	0.33%	3300	
	PbO	1317-36-8			10.00%	0.0408	0.11%	1100	
	SiO2 (silicon dioxide)	14808-60-7			30.00%	0.1224	0.33%	3300	
	B2O3	1303-86-2			30.00%	0.1224	0.33%	3300	
					<b>100.00%</b>	<b>0.4081</b>			
Notch Conductor Thick Film	Ag	7440-22-4	0.038	0.00141	100.00%	1.4098	3.80%	38000	
					<b>100.00%</b>	<b>1.4098</b>			
Overcoat 1	PbO	1317-36-8	0.015	0.00056	14.00%	0.0779	0.21%	2100	
	SiO2 (silicon dioxide)	14808-60-7			43.00%	0.2393	0.65%	6450	
	B2O3	1303-86-2			43.00%	0.2393	0.65%	6450	
					<b>100.00%</b>	<b>0.5565</b>			
Overcoat 2	PbO	1317-36-8	0.019	0.00070	14.00%	0.0987	0.27%	2660	
	SiO2 (silicon dioxide)	14808-60-7			43.00%	0.3031	0.82%	8170	
	B2O3	1303-86-2			43.00%	0.3031	0.82%	8170	
					<b>100.00%</b>	<b>0.7049</b>			
Marking	PbO	1317-36-8	0.001	0.00004	14.00%	0.0052	0.01%	140	
	SiO2 (silicon dioxide)	14808-60-7			43.00%	0.0160	0.04%	430	
	B2O3	1303-86-2			43.00%	0.0160	0.04%	430	
					<b>100.00%</b>	<b>0.0371</b>			
Underplate	Ni	7440-02-0	0.025	0.00093	100.00%	0.9275	2.50%	25000	
					<b>100.00%</b>	<b>0.9275</b>			
Finish Plate	Sn	7440-31-5	0.017	0.00063	90.00%	0.5676	1.53%	15300	
	Pb	7439-92-1			10.00%	0.0631	0.17%	1700	
			Sum	0.03710	<b>100.00%</b>	<b>0.6307</b>			
			Part Weight	0.03710					
		<b>Totals:</b>		<b>0.03710</b>		<b>37.10</b>	<b>100.00%</b>	<b>1000000</b>	