

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 7.20	ppm	
741X16	Alumina Ceramic	Al2O3	1344-28-1	0.848	0.00611	100.00%	6.1056	84.80%	848000
						<b>100.00%</b>	<b>6.1056</b>		
Conductor Thick Film	Ag	7440-22-4	0.026	0.00019	99.00%	0.1853	2.57%	25740	
	Pd	7440-05-3			1.00%	0.0019	0.03%	260	
						<b>100.00%</b>	<b>0.1872</b>		
Resistor Thick Film	RuO2	12036-10-1	0.011	0.00008	30.00%	0.0238	0.33%	3300	
	PbO	1317-36-8			10.00%	0.0079	0.11%	1100	
	SiO2 (silicon dioxide)	14808-60-7			30.00%	0.0238	0.33%	3300	
	B2O3	1303-86-2			30.00%	0.0238	0.33%	3300	
						<b>100.00%</b>	<b>0.0792</b>		
Notch Conductor Thick Film	Ag	7440-22-4	0.038	0.00027	100.00%	0.2736	3.80%	38000	
						<b>100.00%</b>	<b>0.2736</b>		
Overcoat 1	PbO	1317-36-8	0.015	0.00011	14.00%	0.0151	0.21%	2100	
	SiO2 (silicon dioxide)	14808-60-7			43.00%	0.0464	0.65%	6450	
	B2O3	1303-86-2			43.00%	0.0464	0.65%	6450	
						<b>100.00%</b>	<b>0.1080</b>		
Overcoat 2	PbO	1317-36-8	0.019	0.00014	14.00%	0.0192	0.27%	2660	
	SiO2 (silicon dioxide)	14808-60-7			43.00%	0.0588	0.82%	8170	
	B2O3	1303-86-2			43.00%	0.0588	0.82%	8170	
						<b>100.00%</b>	<b>0.1368</b>		
Marking	PbO	1317-36-8	0.001	0.00001	14.00%	0.0010	0.01%	140	
	SiO2 (silicon dioxide)	14808-60-7			43.00%	0.0031	0.04%	430	
	B2O3	1303-86-2			43.00%	0.0031	0.04%	430	
						<b>100.00%</b>	<b>0.0072</b>		
Underplate	Ni	7440-02-0	0.025	0.00018	100.00%	0.1800	2.50%	25000	
						<b>100.00%</b>	<b>0.1800</b>		
Finish Plate	Sn	7440-31-5	0.017	0.00012	90.00%	0.1102	1.53%	15300	
	Pb	7439-92-1			10.00%	0.0122	0.17%	1700	
				Sum	0.00720	<b>100.00%</b>	<b>0.1224</b>		
				Part Weight	0.00720				
		<b>Totals:</b>			<b>0.00720</b>		<b>7.20</b>	<b>100.00%</b>	<b>1000000</b>