

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 4.60	ppm	
742C04	Alumina Ceramic	Al2O3	1344-28-1	0.848	0.00390	100.00%	3.9008	84.80%	848000
						100.00%	3.9008		
Conductor Thick Film	Ag	7440-22-4	0.026	0.00012	99.00%	0.1184	2.57%	25740	
	Pd	7440-05-3			1.00%	0.0012	0.03%	260	
					100.00%	0.1196			
Resistor Thick Film	RuO2	12036-10-1	0.011	0.00005	30.00%	0.0152	0.33%	3300	
	PbO	1317-36-8			10.00%	0.0051	0.11%	1100	
	SiO2 (silicon dioxide)	14808-60-7			30.00%	0.0152	0.33%	3300	
	B2O3	1303-86-2			30.00%	0.0152	0.33%	3300	
					100.00%	0.0506			
Notch Conductor Thick Film	Ag	7440-22-4	0.038	0.00017	100.00%	0.1748	3.80%	38000	
					100.00%	0.1748			
Overcoat 1	PbO	1317-36-8	0.015	0.00007	14.00%	0.0097	0.21%	2100	
	SiO2 (silicon dioxide)	14808-60-7			43.00%	0.0297	0.65%	6450	
	B2O3	1303-86-2			43.00%	0.0297	0.65%	6450	
					100.00%	0.0690			
Overcoat 2	PbO	1317-36-8	0.019	0.00009	14.00%	0.0122	0.27%	2660	
	SiO2 (silicon dioxide)	14808-60-7			43.00%	0.0376	0.82%	8170	
	B2O3	1303-86-2			43.00%	0.0376	0.82%	8170	
					100.00%	0.0874			
Marking	PbO	1317-36-8	0.001	0.00000	14.00%	0.0006	0.01%	140	
	SiO2 (silicon dioxide)	14808-60-7			43.00%	0.0020	0.04%	430	
	B2O3	1303-86-2			43.00%	0.0020	0.04%	430	
					100.00%	0.0046			
Underplate	Ni	7440-02-0	0.025	0.00012	100.00%	0.1150	2.50%	25000	
					100.00%	0.1150			
Finish Plate	Sn	7440-31-5	0.017	0.00008	90.00%	0.0704	1.53%	15300	
	Pb	7439-92-1			10.00%	0.0078	0.17%	1700	
				Sum		0.00460			
				Part Weight		0.00460			
		Totals:				0.00460			
							4.60	100.00%	1000000