

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 14.40	ppm	
744C04	Alumina Ceramic	Al2O3	1344-28-1	0.848	0.01221	100.00%	12.2112	84.80%	848000
						100.00%	12.2112		
Conductor Thick Film	Ag	7440-22-4	0.026	0.00037	99.00%	0.3707	2.57%	25740	
	Pd	7440-05-3			1.00%	0.0037	0.03%	260	
					100.00%	0.3744			
Resistor Thick Film	RuO2	12036-10-1	0.011	0.00016	30.00%	0.0475	0.33%	3300	
	PbO	1317-36-8			10.00%	0.0158	0.11%	1100	
	SiO2 (silicon dioxide)	14808-60-7			30.00%	0.0475	0.33%	3300	
	B2O3	1303-86-2			30.00%	0.0475	0.33%	3300	
					100.00%	0.1584			
Notch Conductor Thick Film	Ag	7440-22-4	0.038	0.00055	100.00%	0.5472	3.80%	38000	
					100.00%	0.5472			
Overcoat 1	PbO	1317-36-8	0.015	0.00022	14.00%	0.0302	0.21%	2100	
	SiO2 (silicon dioxide)	14808-60-7			43.00%	0.0929	0.65%	6450	
	B2O3	1303-86-2			43.00%	0.0929	0.65%	6450	
					100.00%	0.2160			
Overcoat 2	PbO	1317-36-8	0.019	0.00027	14.00%	0.0383	0.27%	2660	
	SiO2 (silicon dioxide)	14808-60-7			43.00%	0.1176	0.82%	8170	
	B2O3	1303-86-2			43.00%	0.1176	0.82%	8170	
					100.00%	0.2736			
Marking	PbO	1317-36-8	0.001	0.00001	14.00%	0.0020	0.01%	140	
	SiO2 (silicon dioxide)	14808-60-7			43.00%	0.0062	0.04%	430	
	B2O3	1303-86-2			43.00%	0.0062	0.04%	430	
					100.00%	0.0144			
Underplate	Ni	7440-02-0	0.025	0.00036	100.00%	0.3600	2.50%	25000	
					100.00%	0.3600			
Finish Plate	Sn	7440-31-5	0.017	0.00024	90.00%	0.2203	1.53%	15300	
	Pb	7439-92-1			10.00%	0.0245	0.17%	1700	
				Sum	0.01440	100.00%	0.2448		
				Part Weight	0.01440				
		Totals:		0.01440		14.40	100.00%	1000000	