

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 18.40	ppm	
742C16	Alumina Ceramic	Al2O3	1344-28-1	0.848	0.01560	100.00%	15.6032	84.80%	848000
						100.00%	15.6032		
Conductor Thick Film	Ag	7440-22-4	0.026	0.00048	99.00%	0.4736	2.57%	25740	
	Pd	7440-05-3			1.00%	0.0048	0.03%	260	
					100.00%	0.4784			
Resistor Thick Film	RuO2	12036-10-1	0.011	0.00020	30.00%	0.0607	0.33%	3300	
	PbO	1317-36-8			10.00%	0.0202	0.11%	1100	
	SiO2 (silicon dioxide)	14808-60-7			30.00%	0.0607	0.33%	3300	
	B2O3	1303-86-2			30.00%	0.0607	0.33%	3300	
					100.00%	0.2024			
Notch Conductor Thick Film	Ag	7440-22-4	0.038	0.00070	100.00%	0.6992	3.80%	38000	
					100.00%	0.6992			
Overcoat 1	PbO	1317-36-8	0.015	0.00028	14.00%	0.0386	0.21%	2100	
	SiO2 (silicon dioxide)	14808-60-7			43.00%	0.1187	0.65%	6450	
	B2O3	1303-86-2			43.00%	0.1187	0.65%	6450	
					100.00%	0.2760			
Overcoat 2	PbO	1317-36-8	0.019	0.00035	14.00%	0.0489	0.27%	2660	
	SiO2 (silicon dioxide)	14808-60-7			43.00%	0.1503	0.82%	8170	
	B2O3	1303-86-2			43.00%	0.1503	0.82%	8170	
					100.00%	0.3496			
Marking	PbO	1317-36-8	0.001	0.00002	14.00%	0.0026	0.01%	140	
	SiO2 (silicon dioxide)	14808-60-7			43.00%	0.0079	0.04%	430	
	B2O3	1303-86-2			43.00%	0.0079	0.04%	430	
					100.00%	0.0184			
Underplate	Ni	7440-02-0	0.025	0.00046	100.00%	0.4600	2.50%	25000	
					100.00%	0.4600			
Finish Plate	Sn	7440-31-5	0.017	0.00031	90.00%	0.2815	1.53%	15300	
	Pb	7439-92-1			10.00%	0.0313	0.17%	1700	
			Sum	0.01840	100.00%	0.3128			
			Part Weight	0.01840					
		Totals:		0.01840		18.40	100.00%	1000000	