

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 317.30	ppm
770 7	Alumina Ceramic	Al2O3	0.3854	0.1223	95.00%	116.1730	36.61%	366130
		SiO2			5.00%	6.1144	1.93%	19270
					100.00%	122.2874		
Conductor Thick Film	Ag	7440-22-4	0.0055	0.0017	99.00%	1.7277	0.54%	5445
	Pd	7440-05-3			1.00%	0.0175	0.01%	55
					100.00%	1.7452		
Resistor Thick Film	RuO2	12036-10-1	0.0043	0.0014	30.00%	0.4093	0.13%	1290
	PbO	1317-36-8			10.00%	0.1364	0.04%	430
	SiO2	14808-60-7			30.00%	0.4093	0.13%	1290
	B2O3	1303-86-2			30.00%	0.4093	0.13%	1290
					100.00%	1.3644		
Overcoat	PbO	1317-36-8	0.0043	0.0014	14.00%	0.1910	0.06%	602
	SiO2	14808-60-7			43.00%	0.5867	0.18%	1849
	B2O3	1303-86-2			43.00%	0.5867	0.18%	1849
					100.00%	1.3644		
Lead Terminals	Fe	7439-89-6	0.1869	0.0593	92.00%	54.5591	17.19%	171948
	Mn	7439-96-5			2.15%	1.2750	0.40%	4018
	Cu	7440-50-8			2.00%	1.1861	0.37%	3738
	Sn	7440-31-5			3.50%	2.0756	0.65%	6542
	Pb	7439-92-1			0.35%	0.2076	0.07%	654
					100.00%	59.3034		
Solder	Pb	7439-92-1	0.0967	0.0307	90.00%	27.6146	8.70%	87030
	Sn	7440-31-5			10.00%	3.0683	0.97%	9670
					100.00%	30.6829		
Protective coating	Epoxy Resin	25068-38-6	0.3169	0.1006	36.00%	36.1989	11.41%	114084
	Phenol, 4,4'	40039-93-8			17.00%	17.0939	5.39%	53873
	SiO2 (silica)	60676-86-0			47.00%	47.2596	14.89%	148943
	Sum		1.0000 part weight	0.3173	100.00%	100.5524		
				0.3173				
		Totals:		0.3173		317.30	100.00%	1000000