

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 465.00	ppm
770 10	Alumina Ceramic	Al2O3	0.3854	0.1792	95.00%	170.2505	36.61%	366130
		SiO2			5.00%	8.9606	1.93%	19270
					100.00%	179.2110		
Conductor Thick Film	Ag	7440-22-4	0.0055	0.0026	99.00%	2.5319	0.54%	5445
	Pd	7440-05-3			1.00%	0.0256	0.01%	55
					100.00%	2.5575		
Resistor Thick Film	RuO2	12036-10-1	0.0043	0.0020	30.00%	0.5999	0.13%	1290
	PbO	1317-36-8			10.00%	0.2000	0.04%	430
	SiO2	14808-60-7			30.00%	0.5999	0.13%	1290
	B2O3	1303-86-2			30.00%	0.5999	0.13%	1290
					100.00%	1.9995		
Overcoat	PbO	1317-36-8	0.0043	0.0020	14.00%	0.2799	0.06%	602
	SiO2	14808-60-7			43.00%	0.8598	0.18%	1849
	B2O3	1303-86-2			43.00%	0.8598	0.18%	1849
					100.00%	1.9995		
Lead Terminals	Fe	7439-89-6	0.1869	0.0869	92.00%	79.9558	17.19%	171948
	Mn	7439-96-5			2.15%	1.8685	0.40%	4018
	Cu	7440-50-8			2.00%	1.7382	0.37%	3738
	Sn	7440-31-5			3.50%	3.0418	0.65%	6542
	Pb	7439-92-1			0.35%	0.3042	0.07%	654
					100.00%	86.9085		
Solder	Pb	7439-92-1	0.0967	0.0450	90.00%	40.4690	8.70%	87030
	Sn	7440-31-5			10.00%	4.4966	0.97%	9670
					100.00%	44.9655		
Protective coating	Epoxy Resin	25068-38-6	0.3169	0.1474	36.00%	53.0491	11.41%	114084
	Phenol, 4,4'	40039-93-8			17.00%	25.0509	5.39%	53873
	SiO2 (silica)	60676-86-0			47.00%	69.2585	14.89%	148943
	Sum		1.0000 part weight	0.4650	100.00%	147.3585		
				0.4650				
		Totals:		0.4650		465.00	100.00%	1000000