

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 511.60	ppm
770 11								
Alumina Ceramic	Al2O3	1344-28-1	0.3854	0.1972	95.00%	187.3121	36.61%	366130
	SiO2	14808-60-7			5.00%	9.8585	1.93%	19270
					100.00%	197.1706		
Conductor Thick Film	Ag	7440-22-4	0.0055	0.0028	99.00%	2.7857	0.54%	5445
	Pd	7440-05-3			1.00%	0.0281	0.01%	55
					100.00%	2.8138		
Resistor Thick Film	RuO2	12036-10-1	0.0043	0.0022	30.00%	0.6600	0.13%	1290
	PbO	1317-36-8			10.00%	0.2200	0.04%	430
	SiO2	14808-60-7			30.00%	0.6600	0.13%	1290
	B2O3	1303-86-2			30.00%	0.6600	0.13%	1290
					100.00%	2.1999		
Overcoat	PbO	1317-36-8	0.0043	0.0022	14.00%	0.3080	0.06%	602
	SiO2	14808-60-7			43.00%	0.9459	0.18%	1849
	B2O3	1303-86-2			43.00%	0.9459	0.18%	1849
					100.00%	2.1999		
Lead Terminals	Fe	7439-89-6	0.1869	0.0956	92.00%	87.9686	17.19%	171948
	Mn	7439-96-5			2.15%	2.0558	0.40%	4018
	Cu	7440-50-8			2.00%	1.9124	0.37%	3738
	Sn	7440-31-5			3.50%	3.3466	0.65%	6542
	Pb	7439-92-1			0.35%	0.3347	0.07%	654
					100.00%	95.6180		
Solder	Pb	7439-92-1	0.0967	0.0495	90.00%	44.5245	8.70%	87030
	Sn	7440-31-5			10.00%	4.9472	0.97%	9670
					100.00%	49.4717		
Protective coating	Epoxy Resin	25068-38-6	0.3169	0.1621	36.00%	58.3654	11.41%	114084
	Phenol, 4,4'	40039-93-8			17.00%	27.5614	5.39%	53873
	SiO2 (silica)	60676-86-0			47.00%	76.1992	14.89%	148943
	Sum				1.0000 part weight	0.5116	100.00%	162.1260
		Totals:		0.5116		511.60	100.00%	1000000