

ELEMENTAL ANALYSIS



RoHS Compliant

**MAX
260°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 531.80	ppm
770 12	Alumina Ceramic	Al2O3	0.4045	0.2151	95.00%	204.3574	38.43%	384275
		SiO2			5.00%	10.7557	2.02%	20225
					100.00%	215.1131		
Conductor Thick Film	Ag	7440-22-4	0.0057	0.0030	99.00%	3.0009	0.56%	5643
	Pd	7440-05-3			1.00%	0.0303	0.01%	57
					100.00%	3.0313		
Resistor Thick Film	RuO2	12036-10-1	0.0045	0.0024	30.00%	0.7179	0.14%	1350
	PbO	1317-36-8			10.00%	0.2393	0.05%	450
	SiO2	14808-60-7			30.00%	0.7179	0.14%	1350
	B2O3	1303-86-2			30.00%	0.7179	0.14%	1350
					100.00%	2.3931		
Overcoat	PbO	1317-36-8	0.0045	0.0024	14.00%	0.3350	0.06%	630
	SiO2	14808-60-7			43.00%	1.0290	0.19%	1935
	B2O3	1303-86-2			43.00%	1.0290	0.19%	1935
					100.00%	2.3931		
Lead Terminals	Fe	7439-89-6	0.1917	0.1019	92.35%	94.1472	17.70%	177035
	Mn	7439-96-5			2.15%	2.1918	0.41%	4122
	Cu	7440-50-8			2.00%	2.0389	0.38%	3834
	Sn	7440-31-5			3.50%	3.5681	0.67%	6710
					100.00%	101.9461		
Solder	Sn	7440-31-5	0.0564	0.0300	96.50%	28.9437	5.44%	54426
	Ag	7440-22-4			3.00%	0.8998	0.17%	1692
	Cu	7440-50-8			0.50%	0.1500	0.03%	282
					100.00%	29.9935		
Protective coating	Epoxy Resin	25068-38-6	0.3327	0.1769	36.00%	63.6947	11.98%	119772
	Phenol, 4,4'	40039-93-8			17.00%	30.0781	5.66%	56559
	SiO2 (silica)	60676-86-0			47.00%	83.1570	15.64%	156369
	Sum		1.0000 part weight	0.5318	100.00%	176.9299		
				0.5318				
		Totals:		0.5318		531.80	100.00%	1000000

RoHS exemption claimed for lead in glass of electronic component