

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 302.30	ppm
770 7								
Alumina Ceramic	Al2O3	1344-28-1	0.4045	0.1223	95.00%	116.1663	38.43%	384275
	SiO2	14808-60-7			5.00%	6.1140	2.02%	20225
					100.00%	122.2804		
Conductor Thick Film	Ag	7440-22-4	0.0057	0.0017	99.00%	1.7059	0.56%	5643
	Pd	7440-05-3			1.00%	0.0172	0.01%	57
					100.00%	1.7231		
Resistor Thick Film	RuO2	12036-10-1	0.0045	0.0014	30.00%	0.4081	0.14%	1350
	PbO	1317-36-8			10.00%	0.1360	0.05%	450
	SiO2	14808-60-7			30.00%	0.4081	0.14%	1350
	B2O3	1303-86-2			30.00%	0.4081	0.14%	1350
					100.00%	1.3604		
Overcoat	PbO	1317-36-8	0.0045	0.0014	14.00%	0.1904	0.06%	630
	SiO2	14808-60-7			43.00%	0.5850	0.19%	1935
	B2O3	1303-86-2			43.00%	0.5850	0.19%	1935
					100.00%	1.3604		
Lead Terminals	Fe	7439-89-6	0.1917	0.0580	92.35%	53.5177	17.70%	177035
	Mn	7439-96-5			2.15%	1.2459	0.41%	4122
	Cu	7440-50-8			2.00%	1.1590	0.38%	3834
	Sn	7440-31-5			3.50%	2.0283	0.67%	6710
					100.00%	57.9509		
Solder	Sn	7440-31-5	0.0564	0.0170	96.50%	16.4530	5.44%	54426
	Ag	7440-22-4			3.00%	0.5115	0.17%	1692
	Cu	7440-50-8			0.50%	0.0852	0.03%	282
					100.00%	17.0497		
Protective coating	Epoxy Resin Phenol, 4,4' SiO2 (silica)	25068-38-6	0.3327	0.1006	36.00%	36.2071	11.98%	119772
		40039-93-8			17.00%	17.0978	5.66%	56559
		60676-86-0			47.00%	47.2703	15.64%	156369
		Sum			1.0000 part weight	0.3023	100.00%	100.5752
				0.3023				
		Totals:		0.3023		302.30	100.00%	1000000

RoHS exemption claimed for lead in glass of electronic component