

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 398.60	ppm
770 9	Alumina Ceramic	Al2O3	0.4045	0.1612	95.00%	153.1720	38.43%	384275
		SiO2			5.00%	8.0617	2.02%	20225
					100.00%	161.2337		
Conductor Thick Film	Ag	7440-22-4	0.0057	0.0023	99.00%	2.2493	0.56%	5643
	Pd	7440-05-3			1.00%	0.0227	0.01%	57
					100.00%	2.2720		
Resistor Thick Film	RuO2	12036-10-1	0.0045	0.0018	30.00%	0.5381	0.14%	1350
	PbO	1317-36-8			10.00%	0.1794	0.05%	450
	SiO2	14808-60-7			30.00%	0.5381	0.14%	1350
	B2O3	1303-86-2			30.00%	0.5381	0.14%	1350
					100.00%	1.7937		
Overcoat	PbO	1317-36-8	0.0045	0.0018	14.00%	0.2511	0.06%	630
	SiO2	14808-60-7			43.00%	0.7713	0.19%	1935
	B2O3	1303-86-2			43.00%	0.7713	0.19%	1935
					100.00%	1.7937		
Lead Terminals	Fe	7439-89-6	0.1917	0.0764	92.35%	70.5661	17.70%	177035
	Mn	7439-96-5			2.15%	1.6428	0.41%	4122
	Cu	7440-50-8			2.00%	1.5282	0.38%	3834
	Sn	7440-31-5			3.50%	2.6744	0.67%	6710
					100.00%	76.4116		
Solder	Sn	7440-31-5	0.0564	0.0225	96.50%	21.6942	5.44%	54426
	Ag	7440-22-4			3.00%	0.6744	0.17%	1692
	Cu	7440-50-8			0.50%	0.1124	0.03%	282
					100.00%	22.4810		
Protective coating	Epoxy Resin	25068-38-6	0.3327	0.1326	36.00%	47.7411	11.98%	119772
	Phenol, 4,4'	40039-93-8			17.00%	22.5444	5.66%	56559
	SiO2 (silica)	60676-86-0			47.00%	62.3287	15.64%	156369
	Sum		1.0000 part weight	0.3986	100.00%	132.6142		
				0.3986				
		Totals:		0.3986		398.60	100.00%	1000000

RoHS exemption claimed for lead in glass of electronic component