ELEMENTAL ANALYSIS

CTS

RoHS Compliant

MAX 260°C

MSL 1

e1

PRODUCT FAMILY 770 4	Material	CAS Number	% Normalize for BOM	Wt. Of BOM Item (g)	% by Wt (Comp. Item)	mg/unit	% by Wt Of Unit 176.70	ppm
Alumina Ceramic	Al2O3	1344-28-1	0.4045	0.0715	95.00%	67.9014	38.43%	384275
	SiO2	14808-60-7			5.00%	3.5738	2.02%	20225
					100.00%	**71.4752**		
Conductor Thick Film	Ag	7440-22-4	0.0057	0.0010	99.00%	0.9971	0.56%	5643
	Pd	7440-05-3			1.00%	0.0101	0.01%	57
					100.00%	**1.0072**		
Resistor Thick Film	RuO2	12036-10-1	0.0045	0.0008	30.00%	0.2385	0.14%	1350
	PbO	1317-36-8			10.00%	0.0795	0.05%	450
	SiO2	14808-60-7			30.00%	0.2385	0.14%	1350
	B2O3	1303-86-2			30.00%	0.2385	0.14%	1350
					100.00%	**0.7952**		
Overcoat	PbO	1317-36-8	0.0045	0.0008	14.00%	0.1113	0.06%	630
	SiO2	14808-60-7			43.00%	0.3419	0.19%	1935
	B2O3	1303-86-2			43.00%	0.3419	0.19%	1935
					100.00%	**0.7952**		
Lead Terminals	Fe	7439-89-6	0.1917	0.0339	92.35%	31.2821	17.70%	177035
	Mn	7439-96-5			2.15%	0.7283	0.41%	4122
	Cu	7440-50-8			2.00%	0.6775	0.38%	3834
	Sn	7440-31-5			3.50%	1.1856	0.67%	6710
					100.00%	**33.8734**		
Solder	Sn	7440-31-5	0.0564	0.0100	96.50%	9.6171	5.44%	54426
	Ag	7440-22-4			3.00%	0.2990	0.17%	1692
	Cu	7440-50-8			0.50%	0.0498	0.03%	282
					100.00%	**9.9659**		
Protective coating	Epoxy Resin	25068-38-6	0.3327	0.0588	36.00%	21.1637	11.98%	119772
	Phenol, 4,4'	40039-93-8			17.00%	9.9940	5.66%	56559
	SiO2 (silica)	60676-86-0			47.00%	27.6304	15.64%	156369
		Sum	1.0000	0.1767	**100.00%**	**58.7881**		
			part weight	0.1767				
		Totals:		**0.1767**		**176.70**	**100.00%**	**1000000**

RoHS exemption claimed for lead in glass of electronic component