ELEMENTAL ANALYSIS

CTS

MAX 245°C **MSL 1**

PRODUCT FAMILY 770 9	Material	CAS Number	% Normalize for BOM	Wt. Of BOM Item (g)	% by Wt (Comp. Item)	mg/unit	% by Wt Of Unit 418.40	ppm
Alumina Ceramic	Al2O3	1344-28-1	0.3854	0.1613	95.00%	153.1888	36.61%	366130
	SiO2	14808-60-7			5.00%	8.0626	1.93%	19270
					100.00%	**161.2514**		
Conductor Thick Film	Ag	7440-22-4	0.0055	0.0023	99.00%	2.2782	0.54%	5445
	Pd	7440-05-3			1.00%	0.0230	0.01%	55
					100.00%	**2.3012**		
Resistor Thick Film	RuO2	12036-10-1	0.0043	0.0018	30.00%	0.5397	0.13%	1290
	PbO	1317-36-8			10.00%	0.1799	0.04%	430
	SiO2	14808-60-7			30.00%	0.5397	0.13%	1290
	B2O3	1303-86-2			30.00%	0.5397	0.13%	1290
					100.00%	**1.7991**		
Overcoat	PbO	1317-36-8	0.0043	0.0018	14.00%	0.2519	0.06%	602
	SiO2	14808-60-7			43.00%	0.7736	0.18%	1849
	B2O3	1303-86-2			43.00%	0.7736	0.18%	1849
					100.00%	**1.7991**		
Lead Terminals	Fe	7439-89-6	0.1869	0.0782	92.00%	71.9430	17.19%	171948
	Mn	7439-96-5			2.15%	1.6813	0.40%	4018
	Cu	7440-50-8			2.00%	1.5640	0.37%	3738
	Sn	7440-31-5			3.50%	2.7370	0.65%	6542
	Pb	7439-92-1			0.35%	0.2737	0.07%	654
					100.00%	**78.1990**		
Solder	Pb	7439-92-1	0.0967	0.0405	90.00%	36.4134	8.70%	87030
	Sn	7440-31-5			10.00%	4.0459	0.97%	9670
					100.00%	**40.4593**		
Protective coating	Epoxy Resin	25068-38-6	0.3169	0.1326	36.00%	47.7327	11.41%	114084
	Phenol, 4,4'	40039-93-8			17.00%	22.5405	5.39%	53873
	SiO2 (silica)	60676-86-0			47.00%	62.3178	14.89%	148943
		Sum	1.0000 part weight	0.4184 0.4184	**100.00%**	**132.5910**		
		Totals:		**0.4184**		**418.40**	**100.00%**	**1000000**