ELEMENTAL ANALYSIS

CTS

PRODUCT FAMILY 770 5	Material	CAS Number	% Normalize for BOM	Wt. Of BOM Item (g)	% by Wt (Comp. Item)	mg/unit	% by Wt Of Unit 232.00	ppm
					MAX 245°C		MSL 1	
Alumina Ceramic	Al2O3	1344-28-1	0.3854	0.0894	95.00%	84.9422	36.61%	366130
	SiO2	14808-60-7			5.00%	4.4706	1.93%	19270
					100.00%	**89.4128**		
Conductor Thick Film	Ag	7440-22-4	0.0055	0.0013	99.00%	1.2632	0.54%	5445
	Pd	7440-05-3			1.00%	0.0128	0.01%	55
					100.00%	**1.2760**		
Resistor Thick Film	RuO2	12036-10-1	0.0043	0.0010	30.00%	0.2993	0.13%	1290
	PbO	1317-36-8			10.00%	0.0998	0.04%	430
	SiO2	14808-60-7			30.00%	0.2993	0.13%	1290
	B2O3	1303-86-2			30.00%	0.2993	0.13%	1290
					100.00%	**0.9976**		
Overcoat	PbO	1317-36-8	0.0043	0.0010	14.00%	0.1397	0.06%	602
	SiO2	14808-60-7			43.00%	0.4290	0.18%	1849
	B2O3	1303-86-2			43.00%	0.4290	0.18%	1849
					100.00%	**0.9976**		
Lead Terminals	Fe	7439-89-6	0.1869	0.0434	92.00%	39.8919	17.19%	171948
	Mn	7439-96-5			2.15%	0.9323	0.40%	4018
	Cu	7440-50-8			2.00%	0.8672	0.37%	3738
	Sn	7440-31-5			3.50%	1.5176	0.65%	6542
	Pb	7439-92-1			0.35%	0.1518	0.07%	654
					100.00%	**43.3608**		
Solder	Pb	7439-92-1	0.0967	0.0224	90.00%	20.1910	8.70%	87030
	Sn	7440-31-5			10.00%	2.2434	0.97%	9670
					100.00%	**22.4344**		
Protective coating	Epoxy Resin	25068-38-6	0.3169	0.0735	36.00%	26.4675	11.41%	114084
	Phenol, 4,4'	40039-93-8			17.00%	12.4985	5.39%	53873
	SiO2 (silica)	60676-86-0			47.00%	34.5548	14.89%	148943
		Sum	1.0000	0.2320	**100.00%**	**73.5208**		
			part weight	0.2320				
		Totals:		**0.2320**		**232.00**	**100.00%**	**1000000**