ELEMENTAL ANALYSIS

CTS

					MAX 245°C		MSL 1	
PRODUCT FAMILY 770 12	**Material**	**CAS Number**	**% Normalize for BOM**	**Wt. Of BOM Item (g)**	**% by Wt (Comp. Item)**	**mg/unit**	**% by Wt Of Unit 558.20**	**ppm**
Alumina Ceramic	Al2O3	1344-28-1	0.3854	0.2151	95.00%	204.3738	36.61%	366130
	SiO2	14808-60-7			5.00%	10.7565	1.93%	19270
					100.00%	**215.1303**		
Conductor Thick Film	Ag	7440-22-4	0.0055	0.0031	99.00%	3.0394	0.54%	5445
	Pd	7440-05-3			1.00%	0.0307	0.01%	55
					100.00%	**3.0701**		
Resistor Thick Film	RuO2	12036-10-1	0.0043	0.0024	30.00%	0.7201	0.13%	1290
	PbO	1317-36-8			10.00%	0.2400	0.04%	430
	SiO2	14808-60-7			30.00%	0.7201	0.13%	1290
	B2O3	1303-86-2			30.00%	0.7201	0.13%	1290
					100.00%	**2.4003**		
Overcoat	PbO	1317-36-8	0.0043	0.0024	14.00%	0.3360	0.06%	602
	SiO2	14808-60-7			43.00%	1.0321	0.18%	1849
	B2O3	1303-86-2			43.00%	1.0321	0.18%	1849
					100.00%	**2.4003**		
Lead Terminals	Fe	7439-89-6	0.1869	0.1043	92.00%	95.9814	17.19%	171948
	Mn	7439-96-5			2.15%	2.2430	0.40%	4018
	Cu	7440-50-8			2.00%	2.0866	0.37%	3738
	Sn	7440-31-5			3.50%	3.6515	0.65%	6542
	Pb	7439-92-1			0.35%	0.3651	0.07%	654
					100.00%	**104.3276**		
Solder	Pb	7439-92-1	0.0967	0.0540	90.00%	48.5801	8.70%	87030
	Sn	7440-31-5			10.00%	5.3978	0.97%	9670
					100.00%	**53.9779**		
Protective coating	Epoxy Resin	25068-38-6	0.3169	0.1769	36.00%	63.6817	11.41%	114084
	Phenol, 4,4'	40039-93-8			17.00%	30.0719	5.39%	53873
	SiO2 (silica)	60676-86-0			47.00%	83.1400	14.89%	148943
		Sum	1.0000	0.5582	**100.00%**	**176.8936**		
			part weight	0.5582				
		Totals:		**0.5582**		**558.20**	**100.00%**	**1000000**