ELEMENTAL ANALYSIS

CTS

MAX 245°C **MSL 1**

PRODUCT FAMILY 770 6	Material	CAS Number	% Normalize for BOM	Wt. Of BOM Item (g)	% by Wt (Comp. Item)	mg/unit	% by Wt Of Unit 278.60	ppm
Alumina Ceramic	Al2O3	1344-28-1	0.3854	0.1074	95.00%	102.0038	36.61%	366130
	SiO2	14808-60-7			5.00%	5.3686	1.93%	19270
					100.00%	**107.3724**		
Conductor Thick Film	Ag	7440-22-4	0.0055	0.0015	99.00%	1.5170	0.54%	5445
	Pd	7440-05-3			1.00%	0.0153	0.01%	55
					100.00%	**1.5323**		
Resistor Thick Film	RuO2	12036-10-1	0.0043	0.0012	30.00%	0.3594	0.13%	1290
	PbO	1317-36-8			10.00%	0.1198	0.04%	430
	SiO2	14808-60-7			30.00%	0.3594	0.13%	1290
	B2O3	1303-86-2			30.00%	0.3594	0.13%	1290
					100.00%	**1.1980**		
Overcoat	PbO	1317-36-8	0.0043	0.0012	14.00%	0.1677	0.06%	602
	SiO2	14808-60-7			43.00%	0.5151	0.18%	1849
	B2O3	1303-86-2			43.00%	0.5151	0.18%	1849
					100.00%	**1.1980**		
Lead Terminals	Fe	7439-89-6	0.1869	0.0521	92.00%	47.9047	17.19%	171948
	Mn	7439-96-5			2.15%	1.1195	0.40%	4018
	Cu	7440-50-8			2.00%	1.0414	0.37%	3738
	Sn	7440-31-5			3.50%	1.8225	0.65%	6542
	Pb	7439-92-1			0.35%	0.1822	0.07%	654
					100.00%	**52.0703**		
Solder	Pb	7439-92-1	0.0967	0.0269	90.00%	24.2466	8.70%	87030
	Sn	7440-31-5			10.00%	2.6941	0.97%	9670
					100.00%	**26.9406**		
Protective coating	Epoxy Resin	25068-38-6	0.3169	0.0883	36.00%	31.7838	11.41%	114084
	Phenol, 4,4'	40039-93-8			17.00%	15.0090	5.39%	53873
	SiO2 (silica)	60676-86-0			47.00%	41.4955	14.89%	148943
		Sum	1.0000 part weight	0.2786 0.2786	**100.00%**	**88.2883**		
		Totals:		**0.2786**		**278.60**	**100.00%**	**1000000**