ELEMENTAL ANALYSIS

CTS

MAX 245°C

MSL 1

PRODUCT FAMILY 744C08	Material	CAS Number	% Normalize for BOM	Wt. Of BOM Item (g)	% by Wt (Comp. Item)	mg/unit	% by Wt Of Unit 28.80	ppm
Alumina Ceramic	Al2O3	1344-28-1	0.848	0.02442	100.00%	24.4224	84.80%	848000
					100.00%	**24.4224**		
Conductor Thick Film	Ag	7440-22-4	0.026	0.00075	99.00%	0.7413	2.57%	25740
	Pd	7440-05-3			1.00%	0.0075	0.03%	260
					100.00%	**0.7488**		
Resistor Thick Film	RuO2	12036-10-1	0.011	0.00032	30.00%	0.0950	0.33%	3300
	PbO	1317-36-8			10.00%	0.0317	0.11%	1100
	SiO2 (silicon dioxide)	14808-60-7			30.00%	0.0950	0.33%	3300
	B2O3	1303-86-2			30.00%	0.0950	0.33%	3300
					100.00%	**0.3168**		
Notch Conductor Thick Film	Ag	7440-22-4	0.038	0.00109	100.00%	1.0944	3.80%	38000
					100.00%	**1.0944**		
Overcoat 1	PbO	1317-36-8	0.015	0.00043	14.00%	0.0605	0.21%	2100
	SiO2 (silicon dioxide)	14808-60-7			43.00%	0.1858	0.65%	6450
	B2O3	1303-86-2			43.00%	0.1858	0.65%	6450
					100.00%	**0.4320**		
Overcoat 2	PbO	1317-36-8	0.019	0.00055	14.00%	0.0766	0.27%	2660
	SiO2 (silicon dioxide)	14808-60-7			43.00%	0.2353	0.82%	8170
	B2O3	1303-86-2			43.00%	0.2353	0.82%	8170
					100.00%	**0.5472**		
Marking	PbO	1317-36-8	0.001	0.00003	14.00%	0.0040	0.01%	140
	SiO2 (silicon dioxide)	14808-60-7			43.00%	0.0124	0.04%	430
	B2O3	1303-86-2			43.00%	0.0124	0.04%	430
					100.00%	**0.0288**		
Underplate	Ni	7440-02-0	0.025	0.00072	100.00%	0.7200	2.50%	25000
					100.00%	**0.7200**		
Finish Plate	Sn	7440-31-5	0.017	0.00049	90.00%	0.4406	1.53%	15300
	Pb	7439-92-1			10.00%	0.0490	0.17%	1700
			Sum	0.02880	**100.00%**	**0.4896**		
			Part Weight	0.02880				
		Totals:		**0.02880**		**28.80**	**100.00%**	**1000000**