ELEMENTAL ANALYSIS

CTS

MAX 245°C **MSL 1**

PRODUCT FAMILY 741X04	Material	CAS Number	% Normalize for BOM	Wt. Of BOM Item (g)	% by Wt (Comp. Item)	mg/unit	% by Wt Of Unit 1.80	ppm
Alumina Ceramic	Al2O3	1344-28-1	0.848	0.00153	100.00%	1.5264	84.80%	848000
					100.00%	**1.5264**		
Conductor Thick Film	Ag	7440-22-4	0.026	0.00005	99.00%	0.0463	2.57%	25740
	Pd	7440-05-3			1.00%	0.0005	0.03%	260
					100.00%	**0.0468**		
Resistor Thick Film	RuO2	12036-10-1	0.011	0.00002	30.00%	0.0059	0.33%	3300
	PbO	1317-36-8			10.00%	0.0020	0.11%	1100
	SiO2 (silicon dioxide)	14808-60-7			30.00%	0.0059	0.33%	3300
	B2O3	1303-86-2			30.00%	0.0059	0.33%	3300
					100.00%	**0.0198**		
Notch Conductor Thick Film	Ag	7440-22-4	0.038	0.00007	100.00%	0.0684	3.80%	38000
					100.00%	**0.0684**		
Overcoat 1	PbO	1317-36-8	0.015	0.00003	14.00%	0.0038	0.21%	2100
	SiO2 (silicon dioxide)	14808-60-7			43.00%	0.0116	0.65%	6450
	B2O3	1303-86-2			43.00%	0.0116	0.65%	6450
					100.00%	**0.0270**		
Overcoat 2	PbO	1317-36-8	0.019	0.00003	14.00%	0.0048	0.27%	2660
	SiO2 (silicon dioxide)	14808-60-7			43.00%	0.0147	0.82%	8170
	B2O3	1303-86-2			43.00%	0.0147	0.82%	8170
					100.00%	**0.0342**		
Marking	PbO	1317-36-8	0.001	0.00000	14.00%	0.0003	0.01%	140
	SiO2 (silicon dioxide)	14808-60-7			43.00%	0.0008	0.04%	430
	B2O3	1303-86-2			43.00%	0.0008	0.04%	430
					100.00%	**0.0018**		
Underplate	Ni	7440-02-0	0.025	0.00005	100.00%	0.0450	2.50%	25000
					100.00%	**0.0450**		
Finish Plate	Sn	7440-31-5	0.017	0.00003	90.00%	0.0275	1.53%	15300
	Pb	7439-92-1			10.00%	0.0031	0.17%	1700
			Sum	0.00180	**100.00%**	**0.0306**		
			Part Weight	0.00180				
		Totals:		**0.00180**		**1.80**	**100.00%**	**1000000**