



**MAX
245°C**

**MSL
1**

PRODUCT FAMILY	Material	CAS Number	% Normalize for BOM	Wt. Of BOM Item (g)	% by Wt (Comp. Item)	mg/unit	% by Wt Of Unit	ppm		
768 14							242.10			
Alumina Ceramic	Al2O3	1344-28-1	0.8800	0.2130	87.50%	186.4170	77.00%	770000		
	SiO2 (silicon dioxide)	14808-60-7			12.50%	26.6310	11.00%	110000		
					100.00%	213.0480				
Conductor Thick Film	Ag	7440-22-4	0.0068	0.0016	99.00%	1.6298	0.67%	6732		
	Pd	7440-05-3			1.00%	0.0165	0.01%	68		
					100.00%	1.6463				
Resistor Thick Film	RuO2	12036-10-1	0.0079	0.0019	30.00%	0.5738	0.24%	2370		
	PbO	1317-36-8			10.00%	0.1913	0.08%	790		
	SiO2 (silicon dioxide)	14808-60-7			30.00%	0.5738	0.24%	2370		
	B2O3	1303-86-2			30.00%	0.5738	0.24%	2370		
				100.00%	1.9126					
Notch Conductor Thick Film	Ag	7440-22-4	0.0113	0.0027	72.02%	1.9703	0.81%	8138		
	Pd	7440-05-3			4.20%	0.1149	0.05%	475		
	Pt	7440-06-4			23.78%	0.6506	0.27%	2687		
					100.00%	2.7357				
Lead Wire	Cu	7440-50-8	0.0376	0.0091	100.00%	9.1030	3.76%	37600		
Solder	Pb	7439-92-1	0.0376	0.0091	100.00%	9.1030				
	Sn	7440-31-5			90.00%	8.1927	3.38%	33840		
					10.00%	0.9103	0.38%	3760		
				100.00%	9.1030					
Covercoat	TiO2	13463-67-7	0.0188	0.0046	50.00%	2.2757	0.94%	9400		
	Phenolic Resin	55185-45-0			25.00%	1.1379	0.47%	4700		
	Epoxy Resin	25068-38-6			25.00%	1.1379	0.47%	4700		
	Sum				1.0000 part weight	0.2421	100.00%	4.5515		
						0.2421				
		Totals:		0.2421		242.10	100.00%	1000000		