



**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
<b>753 20 DRT</b>								
Alumina Ceramic	Al2O3	1344-28-1	0.8800	0.0987	87.50%	86.3940	77.00%	770000
	SiO2 (silicon dioxide)	14808-60-7			12.50%	12.3420	11.00%	110000
					<b>100.00%</b>	<b>98.7360</b>		
Conductor Thick Film	Ag	7440-22-4	0.0068	0.0008	99.00%	0.7553	0.67%	6732
	Pd	7440-05-3			1.00%	0.0076	0.01%	68
					<b>100.00%</b>	<b>0.7630</b>		
Resistor Thick Film	RuO2	12036-10-1	0.0079	0.0009	30.00%	0.2659	0.24%	2370
	PbO	1317-36-8			10.00%	0.0886	0.08%	790
	SiO2 (silicon dioxide)	14808-60-7			30.00%	0.2659	0.24%	2370
	B2O3	1303-86-2			30.00%	0.2659	0.24%	2370
					<b>100.00%</b>	<b>0.8864</b>		
Notch Conductor Thick Film	Ag	7440-22-4	0.0113	0.0013	99.00%	1.2552	1.12%	11187
	Pd	7440-05-3			1.00%	0.0127	0.01%	113
					<b>100.00%</b>	<b>1.2679</b>		
Underplate	Ni	7440-02-0	0.025	0.0028	100.00%	2.8050	2.50%	25000
					<b>100.00%</b>	<b>2.8050</b>		
Finish Plate	Sn	7440-31-5	0.017	0.0019	90.00%	1.7167	1.53%	15300
	Pb	7439-92-1			10.00%	0.1907	0.17%	1700
					<b>100.00%</b>	<b>1.9074</b>		
Covercoat	TiO2	13463-67-7	0.0520	0.0058	50.00%	2.9172	2.60%	26000
	Silicone	218163-11-2			50.00%	2.9172	2.60%	26000
		Sum		1.0000 part weight	0.1122	<b>100.00%</b>	<b>5.8344</b>	
		<b>Totals:</b>		<b>0.1122</b>		<b>112.20</b>	<b>100.00%</b>	<b>1000000</b>