



PK205 (v1.1) January 16,  
2012

## 100% Material Declaration Data Sheet PC20

**Average Weight: 0.68189g**

Component	Substance Description	CAS# or Description	% of Component	Use in Product	Component Weight/ Substance Weight (in grams)	Component % of Total
<b>Silicon Die</b>					<b>0.005380</b>	<b>0.79</b>
	Silicon	7440-21-3	100.00		0.005380	
<b>Die attach material</b>					<b>0.001930</b>	<b>0.28</b>
	Resin	Trade Secret	25.00		0.000482	
	Silver	7440-22-4	75.00		0.001445	
<b>Mold Compound</b>					<b>0.369890</b>	<b>65.93</b>
	Silica	60676-86-0	86.00		0.296778	
	Resin	Trade Secret	7.50		0.027741	
	Carbon Black	1333-86-4	0.50		0.001849	
	Epoxy Cresol Novolac	29690-82-2	2.00		0.007398	
	Phenolic Resin	Trade Secret	4.00		0.014795	
<b>Lead Frame</b>					<b>0.161900</b>	<b>28.86</b>
	Copper	7440-50-8	97.50		0.157854	
	Iron	7439-89-6	2.35		0.003805	
	Phosphorus	7723-14-0	0.03		0.000049	
	Zinc	7440-66-6	0.12		0.000194	
<b>Lead Frame Plating</b>					<b>0.001740</b>	<b>0.31</b>
	Silver	7440-22-4	100.00		0.001740	
<b>Gold Wire</b>					<b>0.000770</b>	<b>0.14</b>
	Gold	7440-57-5	100.00		0.000770	
<b>External Plating</b>					<b>0.004000</b>	<b>0.71</b>
	Tin	7440-31-5	85.00		0.003400	
	Lead	7439-92-1	15.00		0.000600	

## Revision History

The following table shows the revision history for this document.

Date	Version	Description of Revisions
10/05/06	1.0	Initial Release
01/16/12	1.1	CAS# Update

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