



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	IPA60R125C6	<b>Issued</b>	15. April 2021
<b>MA#</b>	MA005338208		
<b>Package</b>	PG-TO220-3-317	<b>Weight*</b>	2104.03 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	inorganic material	silicon	7440-21-3	12.221	0.58	0.58	5808	5808
leadframe	inorganic material	phosphorus	7723-14-0	0.361	0.02		171	
	non noble metal	iron	7439-89-6	1.202	0.06		571	
	non noble metal	copper	7440-50-8	1,200.685	57.06	57.14	570661	571403
wire	non noble metal	aluminium	7429-90-5	3.771	0.18	0.18	1792	1792
encapsulation	organic material	carbon black	1333-86-4	8.600	0.41		4087	
	plastics	epoxy resin	-	141.118	6.71		67070	
	inorganic material	silicondioxide	60676-86-0	722.840	34.35	41.47	343550	414707
leadfinish	non noble metal	tin	7440-31-5	7.889	0.37	0.37	3749	3749
solder	non noble metal	antimony	7440-36-0	0.535	0.03		254	
	noble metal	silver	7440-22-4	1.337	0.06		635	
	non noble metal	tin	7440-31-5	3.475	0.17	0.26	1652	2541
*deviation	< 10%	Sum in total:				100.00		1000000

### Important Remarks:

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