

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPA65R095C7	**Issued**	14. February 2022
MA#	MA005621366		
Package	PG-TO220-3-313	**Weight***	2206.09 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	7.800	0.35	0.35	3536	3536
leadframe	inorganic material	phosphorus	7723-14-0	0.271	0.01		123	
	non noble metal	iron	7439-89-6	0.903	0.04		409	
	non noble metal	copper	7440-50-8	902.149	40.89	40.94	408936	409468
wire	non noble metal	aluminium	7429-90-5	3.653	0.17	0.17	1656	1656
encapsulation	organic material	carbon black	1333-86-4	2.321	0.11		1052	
	plastics	epoxy resin	-	213.572	9.68		96810	
	inorganic material	silicondioxide	60676-86-0	916.967	41.56	51.35	415652	513514
leadfinish	non noble metal	tin	7440-31-5	7.877	0.36	0.36	3571	3571
plating	non noble metal	nickel	7440-02-0	1.656	0.08	0.08	751	751
solder	non noble metal	antimony	7440-36-0	0.385	0.02		175	
	noble metal	silver	7440-22-4	0.963	0.04		437	
	non noble metal	tin	7440-31-5	2.505	0.11	0.17	1136	1748
heatspreader	inorganic material	phosphorus	7723-14-0	0.044			20	
	non noble metal	iron	7439-89-6	0.145	0.01		66	
	non noble metal	copper	7440-50-8	144.874	6.57	6.58	65670	65756
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

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This product is in compliance with EU Directive 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and does not use any exemption.

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