

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPA65R150CFD	**Issued**	09. February 2022
MA#	MA005619028		
Package	PG-TO220-3-313	**Weight***	2202.72 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	11.566	0.53	0.53	5251	5251
leadframe	inorganic material	phosphorus	7723-14-0	0.271	0.01		123	
	non noble metal	iron	7439-89-6	0.903	0.04		410	
	non noble metal	copper	7440-50-8	902.149	40.96	41.01	409560	410093
wire	non noble metal	aluminium	7429-90-5	3.515	0.16	0.16	1596	1596
encapsulation	organic material	carbon black	1333-86-4	2.348	0.11		1066	
	plastics	epoxy resin	-	212.469	9.65		96457	
	inorganic material	silicondioxide	60676-86-0	909.714	41.28	51.04	412996	510519
leadfinish	non noble metal	tin	7440-31-5	7.877	0.36	0.36	3576	3576
plating	non noble metal	nickel	7440-02-0	1.656	0.08	0.08	752	752
solder	non noble metal	antimony	7440-36-0	0.519	0.02		236	
	noble metal	silver	7440-22-4	1.298	0.06		589	
	non noble metal	tin	7440-31-5	3.374	0.15	0.23	1532	2357
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	6.58	6.59	65770	65856
*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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