Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPI60R380C6	**Issued**	16. May 2021
MA#	MA005402994		
Package	PG-TO262-3-22	**Weight***	1572.92 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	4.522	0.29	0.29	2875	2875
leadframe	inorganic material	phosphorus	7723-14-0	0.255	0.02		162	
	non noble metal	iron	7439-89-6	0.851	0.05		541	
	non noble metal	copper	7440-50-8	849.682	54.01	54.08	540195	540898
wire	non noble metal	aluminium	7429-90-5	0.703	0.04	0.04	447	447
encapsulation	organic material	carbon black	1333-86-4	2.956	0.19		1879	
	miscellaneous	miscellaneous	-	2.956	0.19		1879	
	organic material	phenol formaldehyde resin	9003-35-4	35.466	2.25		22548	
	inorganic material	silicondioxide	14808-60-7	47.288	3.01		30064	
	non noble metal	metal hydroxide	-	47.288	3.01		30064	
	plastics	epoxy resin	29690-82-2	70.932	4.51		45096	
	inorganic material	silicondioxide	60676-86-0	384.216	24.43	37.59	244269	375799
leadfinish	non noble metal	tin	7440-31-5	15.198	0.97	0.97	9662	9662
plating	non noble metal	nickel	7440-02-0	1.651	0.10	0.10	1050	1050
solder	non noble metal	antimony	7440-36-0	0.261	0.02		166	
	noble metal	silver	7440-22-4	0.652	0.04		414	
	non noble metal	tin	7440-31-5	1.694	0.11	0.17	1077	1657
heatspreader	inorganic material	phosphorus	7723-14-0	0.032			20	
	non noble metal	iron	7439-89-6	0.106	0.01		68	
	non noble metal	copper	7440-50-8	106.210	6.75	6.76	67524	67612
*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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