



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	IMBG120R350M1H	<b>Issued</b>	24. February 2022
<b>MA#</b>	MA005708842		
<b>Package</b>	PG-TO263-7-12	<b>Weight*</b>	1434.07 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	inorganic material	siliconcarbide	409-21-2	0.811	0.06	0.06	565	565
leadframe	inorganic material	phosphorus	7723-14-0	0.243	0.02		169	
	non noble metal	iron	7439-89-6	0.810	0.06		565	
	non noble metal	copper	7440-50-8	808.567	56.36	56.44	563828	564562
wire	non noble metal	aluminium	7429-90-5	0.437	0.03	0.03	305	305
encapsulation	inorganic material	zincoxide	1314-13-2	6.096	0.43		4251	
	miscellaneous	miscellaneous	-	24.385	1.70		17004	
	plastics	epoxy resin	-	91.442	6.38		63764	
	inorganic material	silicondioxide	60676-86-0	487.693	34.01	42.52	340077	425096
leadfinish	non noble metal	tin	7440-31-5	9.890	0.69	0.69	6896	6896
plating	inorganic material	phosphorus	7723-14-0	0.009			6	
	non noble metal	nickel	7440-02-0	3.686	0.26	0.26	2570	2576
*deviation	< 10%	Sum in total:				100.00		1000000

### Important Remarks:

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