

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IDWD50G200C5	**Issued**	29. November 2024
MA#	MA005855634		
Package	PG-TO247-2-3	**Weight***	5762.14 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	non noble metal	tin	7440-31-5	0.222	0.004	0.261	39	2615
	noble metal	gold	7440-57-5	0.862	0.015		150	
	inorganic material	siliconcarbide	409-21-2	13.981	0.243		2426	
leadframe	inorganic material	phosphorus	7723-14-0	1.136	0.020	65.688	197	656878
	non noble metal	iron	7439-89-6	3.785	0.066		657	
	non noble metal	copper	7440-50-8	3,780.106	65.602		656024	
wire	non noble metal	aluminium	7429-90-5	12.678	0.220	0.220	2200	2200
encapsulation	organic material	carbon black	1333-86-4	14.516	0.252	33.590	2519	335901
	organic material	phenol formaldehyde resin	9003-35-4	80.711	1.401		14007	
	non noble metal	metal hydroxide	-	177.486	3.080		30802	
	plastics	epoxy resin	29690-82-2	264.197	4.585		45850	
	inorganic material	silicondioxide	60676-86-0	1,398.598	24.272		242722	
leadfinish	non noble metal	tin	7440-31-5	11.505	0.200	0.200	1997	1997
plating	non noble metal	nickel	7440-02-0	2.360	0.041	0.041	410	410
*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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