



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	XDPL8221	<b>Issued</b>	14. February 2022
<b>MA#</b>	MA005635322		
<b>Package</b>	PG-DSO-16-35	<b>Weight*</b>	162.89 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip_1	inorganic material	silicon	7440-21-3	0.223	0.14	0.14	1369	1369
chip_2	inorganic material	silicon	7440-21-3	2.423	1.49	1.49	14877	14877
leadframe	inorganic material	phosphorus	7723-14-0	0.018	0.01		113	
	non noble metal	zinc	7440-66-6	0.073	0.05		451	
	non noble metal	iron	7439-89-6	1.469	0.90		9018	
	non noble metal	copper	7440-50-8	59.647	36.62	37.58	366172	375754
wires	noble metal	palladium	7440-05-3	0.001			6	
	non noble metal	copper	7440-50-8	0.089	0.05	0.05	549	555
encapsulation	organic material	carbon black	1333-86-4	0.289	0.18		1772	
	plastics	epoxy resin	-	9.332	5.73		57292	
	inorganic material	silicondioxide	60676-86-0	86.590	53.14	59.05	531570	590634
leadfinish	non noble metal	tin	7440-31-5	1.562	0.96	0.96	9591	9591
plating	noble metal	silver	7440-22-4	0.323	0.20	0.20	1985	1985
glue	plastics	acrylic resin	-	0.188	0.12		1152	
	noble metal	silver	7440-22-4	0.665	0.41	0.53	4083	5235
*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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