

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	XDPS21071	**Issued**	25. November 2019
MA#	MA005404078		
Package	PG-DSO-12-20	**Weight***	155.72 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	1.566	1.01	1.01	10058	10058
chip_2	inorganic material	silicon	7440-21-3	0.223	0.14	0.14	1433	1433
leadframe	inorganic material	phosphorus	7723-14-0	0.017	0.01		111	
	non noble metal	zinc	7440-66-6	0.069	0.04		445	
	non noble metal	iron	7439-89-6	1.386	0.89		8902	
	non noble metal	copper	7440-50-8	56.286	36.15	37.09	361463	370921
wire	noble metal	gold	7440-57-5	0.221	0.14	0.14	1420	1420
encapsulation	organic material	carbon black	1333-86-4	0.281	0.18		1805	
	plastics	epoxy resin	-	9.090	5.84		58374	
	inorganic material	silicondioxide	60676-86-0	84.339	54.17	60.19	541616	601795
leadfinish	non noble metal	tin	7440-31-5	1.143	0.73	0.73	7338	7338
plating	noble metal	silver	7440-22-4	0.428	0.28	0.28	2752	2752
glue	plastics	acrylic resin	-	0.147	0.09		942	
	noble metal	silver	7440-22-4	0.520	0.33	0.42	3341	4283
*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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