



Material Content Data Sheet



Halogen-Free

Sales Product Name	ESD101-B1-02EL E6327	Issued	10. May 2021
MA#	MA001612064		
Package	PG-TSLP-2-20	Weight*	0.61 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip_1	non noble metal	tin	7440-31-5	0.000	0.06		569	
	noble metal	gold	7440-57-5	0.001	0.22		2204	
	inorganic material	silicon	7440-21-3	0.011	1.79	2.07	17872	20645
chip_2	non noble metal	tin	7440-31-5	0.000	0.06		569	
	noble metal	gold	7440-57-5	0.001	0.22		2204	
	inorganic material	silicon	7440-21-3	0.011	1.79	2.07	17872	20645
leadframe	non noble metal	nickel	7440-02-0	0.241	39.21	39.21	392107	392107
wire	noble metal	gold	7440-57-5	0.006	0.98	0.98	9825	9825
encapsulation	organic material	carbon black	1333-86-4	0.002	0.26		2588	
	inorganic material	zink oxide	1314-13-2	0.003	0.52		5175	
	miscellaneous	miscellaneous	-	0.005	0.78		7763	
	plastics	epoxy resin	-	0.035	5.69		56929	
	inorganic material	silicondioxide	60676-86-0	0.273	44.49	51.74	445084	517539
leadfinish	noble metal	gold	7440-57-5	0.010	1.70	1.70	16979	16979
plating	noble metal	palladium	7440-05-3	0.003	0.53		5281	
	noble metal	gold	7440-57-5	0.010	1.70	2.23	16979	22260
*deviation	< 10%	Sum in total:				100.00		1000000

Important Remarks:

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3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

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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