

Material Content Data Sheet

RoHS

Sales Product Name	F4-50R07W1H5_B16A	**Issued**	27.05.2022
SP#	SP005591886	**Revision**	01
Package	Easy1B ATV	**Weight***	23,2

Construction element	***Material group***	***Materials***	***CAS-Nr.*** *if applicable*	***Average mass [%]****	***Sum [%]***	***Comment***
semiconductors	inorganic material	silicon	7440-21-3	0,300%	0,320%	
	inorganic material	other	-	0,010%		no duty of declaration
	non noble metal	nickel	7440-02-0			
	non noble metal	aluminum	7429-90-5	0,010%		
	inorganic material	lead monoxide	1317-36-8	<0,01%		Concentration within acceptable GADSL limits
Substrates	non noble metal	copper	7440-50-8	22,600%	30,872%	
	inorganic material	aluminum oxide	1344-28-1	8,187%		
	inorganic material	other	-	0,085%		no duty of declaration
bond wire	non noble metal	aluminum	7429-90-5	0,215%	0,215%	
silicone compounds	polymers	silicone-rubber VMQ	-	15,616%	16,109%	
	inorganic material	other	-	0,306%		no duty of declaration
	inorganic material	amorphous, pyrogenetic silica	112945-52-5	0,187%		
housing and terminals	polymers	PBT	-	18,521%	45,799%	
	inorganic material	glass fiber	-	11,821%		
	inorganic material	halogen compounds	-	6,108%		
	non noble metal	iron	7439-89-6	4,590%		
	inorganic material	antimonious trioxide	1309-64-4	2,364%		
	non noble metal	chrome	7440-47-3	1,121%		
	inorganic material	other	-	0,591%		no duty of declaration
	non noble metal	nickel	7440-02-0	0,497%		
	non noble metal	manganese	7439-96-5	0,064%		
	inorganic material	silicon	7440-21-3	0,064%		
	non noble metal	copper	7440-50-8	0,032%		
	non noble metal	molybdenum	7439-98-7	0,026%		
Control pins/rivets	non noble metal	copper	7440-50-8	5,510%	5,736%	
	non noble metal	tin	7440-31-5	0,202%		
	non noble metal	nickel	7440-02-0	0,024%		
SMD components	non noble metal	nickel	7440-02-0	0,040%	0,170%	
	non noble metal	iron	7439-89-6	0,042%		
	inorganic material	lead monoxide	1317-36-8	0,040%		RoHS compliant; according to exception 7(c)-I
	non noble metal	copper	7440-50-8	0,019%		
	inorganic material	silica	14808-60-7	0,023%		
	non noble metal	tin	7440-31-5	0,002%		
	inorganic material	other	-	0,001%		no duty of declaration
	inorganic material	dipotassium oxid	12136-45-7	0,003%		
tin solder	non noble metal	tin	7440-31-5	0,677%	0,736%	
	inorganic material	other	-	0,059%		
*deviation	<5%			Sum in total:	100,0%	

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 End-of-Life Vehicle (ELV) Directive 2000/53/EG and the ELV Annex II (2016/774/EU) and contains Pb according ELV Annex II (2016/774/EU) exemption 10(a), Electrical and electronic components which contain lead in a glass or ceramic, in a glass or ceramic matrix compound, in a glass ceramic material, or in a glass-ceramic matrix compound.

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