

MATERIAL DECLARATION SHEET



Material Number	CSI2H-3920K			
Product Line	Shunts			
Compliance Date	5-1-2023			
RoHS Compliant	Yes DC 605C	MSL	N/A	

CSI2H-3920K-2L50F

No.	Construction Element (Subpart)	Homogeneous Material	Material Weight (g)	Homogeneous Material	CASRN	Material Mass %	Material Mass % of total unit wt.	Subpart mass of total wt. (%)
				Substance				
1	Resistance Material	Iron Alloy	0.1215	Iron	7439-89-6	70.42	34.0199	48.31
				Aluminum	7429-90-5	4.8	2.3189	
				Chromium	7440-47-3	23.49	11.3480	
				Manganese	7439-96-5	0.5	0.2416	
				Silicon	7440-21-3	0.7	0.3382	
				Carbon	7440-44-0	0.08	0.0386	
				Proprietary Additives	Trade Secret	0.01	0.0048	
2	Base Material	Copper C102	0.130	Copper	7440-50-8	99.98	51.6797	51.69
				Proprietary Additives	Trade Secret	0.01	0.00515	
				Oxygen	7782-44-7	0.01	0.00515	
Total Weight			0.2515					

MATERIAL DECLARATION SHEET



CSI2H-3920K-2L00F

No.	Construction Element (Subpart)	Homogeneous Material	Material Weight (g)	Homogeneous Material	CASRN	Material Mass %	Material Mass % of total unit wt.	Subpart mass of total wt. (%)
				Substance				
1	Resistance Material	Iron Alloy	0.0968	Iron	7439-89-6	70.42	25.7456	36.56
				Aluminum	7429-90-5	4.8	1.7549	
				Chromium	7440-47-3	23.49	8.5879	
				Manganese	7439-96-5	0.5	0.1828	
				Silicon	7440-21-3	0.7	0.2559	
				Carbon	7440-44-0	0.08	0.0292	
				Proprietary Additives	Trade Secret	0.01	0.0037	
2	Base Material	Copper C102	0.168	Copper	7440-50-8	99.98	63.4273	63.44
				Proprietary Additives	Trade Secret	0.01	0.00635	
				Oxygen	7782-44-7	0.01	0.00635	
		Total Weight	0.2648					

MATERIAL DECLARATION SHEET



CSI2H-3920K-3L00F

No.	Construction Element (Subpart)	Homogeneous Material	Material Weight (g)	Homogeneous Material	CASRN	Material Mass %	Material Mass % of total unit wt.	Subpart mass of total wt. (%)
				Substance				
1	Resistance Material	Iron Alloy	0.081	Iron	7439-89-6	70.42	27.0343	38.39
				Aluminum	7429-90-5	4.8	1.8427	
				Chromium	7440-47-3	23.49	9.0178	
				Manganese	7439-96-5	0.5	0.1920	
				Silicon	7440-21-3	0.7	0.2687	
				Carbon	7440-44-0	0.08	0.0307	
				Proprietary Additives	Trade Secret	0.01	0.0038	
2	Base Material	Copper C102	0.130	Copper	7440-50-8	99.98	61.5977	61.61
				Proprietary Additives	Trade Secret	0.01	0.00615	
				Oxygen	7782-44-7	0.01	0.00615	
		Total Weight	0.211					

MATERIAL DECLARATION SHEET



CSI2H-3920K-4L00F

No.	Construction Element (Subpart)	Homogeneous Material	Material Weight (g)	Homogeneous Material	CASRN	Material Mass %	Material Mass % of total unit wt.	Subpart mass of total wt. (%)
				Substance				
1	Resistance Material	Iron Alloy	0.0616	Iron	7439-89-6	70.42	22.5907	32.08
				Aluminum	7429-90-5	4.8	1.5398	
				Chromium	7440-47-3	23.49	7.5356	
				Manganese	7439-96-5	0.5	0.1604	
				Silicon	7440-21-3	0.7	0.2246	
				Carbon	7440-44-0	0.08	0.0257	
				Proprietary Additives	Trade Secret	0.01	0.0032	
2	Base Material	Copper C102	0.1304	Copper	7440-50-8	99.98	67.9064	67.92
				Proprietary Additives	Trade Secret	0.01	0.0068	
				Oxygen	7782-44-7	0.01	0.0068	
		Total Weight	0.192					

MATERIAL DECLARATION SHEET



CSI2H-3920K-5L00F

No.	Construction Element (Subpart)	Homogeneous Material	Material Weight (g)	Homogeneous Material	CASRN	Material Mass %	Material Mass % of total unit wt.	Subpart mass of total wt. (%)
				Substance				
1	Resistance Material	Iron Alloy	0.0493	Iron	7439-89-6	70.42	19.3162	27.43
				Aluminum	7429-90-5	4.8	1.3167	
				Chromium	7440-47-3	23.49	6.4433	
				Manganese	7439-96-5	0.5	0.1372	
				Silicon	7440-21-3	0.7	0.1920	
				Carbon	7440-44-0	0.08	0.0219	
				Proprietary Additives	Trade Secret	0.01	0.0027	
2	Base Material	Copper C102	0.1304	Copper	7440-50-8	99.98	72.5555	72.57
				Proprietary Additives	Trade Secret	0.01	0.00725	
				Oxygen	7782-44-7	0.01	0.00725	
Total Weight			0.1797					

This Document was updated on: 5-1-2023

Important remarks:

1. It is the responsibility of the user to verify they are accessing the latest version.