


# MATERIAL DECLARATION SHEET



Material Number	CSI2H-2512K			
Product Line	Shunts			
Compliance Date	05-01-2023			
RoHS Compliant	Yes DC 605C	MSL	N/A	

## CSI2H-2512K-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	0.0414	Iron	7439-89-6	70.42	26.6469	37.84
				Aluminum	7429-90-5	4.8	1.8163	
				Chromium	7440-47-3	23.49	8.8886	
				Manganese	7439-96-5	0.5	0.1892	
				Silicon	7440-21-3	0.7	0.2649	
				Carbon	7440-44-0	0.08	0.0303	
				Proprietary Additives	Trade Secret	0.01	0.0038	
2	Base Material	Copper C102	0.068	Copper	7440-50-8	99.98	62.1476	62.16
				Proprietary Additives	Trade Secret	0.01	0.0062	
				Oxygen	7782-44-7	0.01	0.0062	
Total Weight			0.1094					

# MATERIAL DECLARATION SHEET



CSI2H-2512K-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	0.0327	Iron	7439-89-6	70.42	22.8654	32.47
				Aluminum	7429-90-5	4.8	1.5586	
				Chromium	7440-47-3	23.49	7.6272	
				Manganese	7439-96-5	0.5	0.1623	
				Silicon	7440-21-3	0.7	0.2273	
				Carbon	7440-44-0	0.08	0.0260	
				Proprietary Additives	Trade Secret	0.01	0.0032	
2	Base Material	Copper C102	0.068	Copper	7440-50-8	99.98	67.5165	67.53
				Proprietary Additives	Trade Secret	0.01	0.00675	
				Oxygen	7782-44-7	0.01	0.00675	
		Total Weight	0.1007					

# MATERIAL DECLARATION SHEET



CSI2H-2512K-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	0.0274	Iron	7439-89-6	70.42	22.0767	31.35
				Aluminum	7429-90-5	4.8	1.5048	
				Chromium	7440-47-3	23.49	7.3641	
				Manganese	7439-96-5	0.5	0.1567	
				Silicon	7440-21-3	0.7	0.2195	
				Carbon	7440-44-0	0.08	0.0251	
				Proprietary Additives	Trade Secret	0.01	0.0031	
2	Base Material	Copper C102	0.060	Copper	7440-50-8	99.98	68.6363	68.65
				Proprietary Additives	Trade Secret	0.01	0.00685	
				Oxygen	7782-44-7	0.01	0.00685	
		Total Weight	0.0874					

# MATERIAL DECLARATION SHEET



CSI2H-2512K-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	0.021	Iron	7439-89-6	70.42	18.2600	25.93
				Aluminum	7429-90-5	4.8	1.2446	
				Chromium	7440-47-3	23.49	6.0909	
				Manganese	7439-96-5	0.5	0.1297	
				Silicon	7440-21-3	0.7	0.1815	
				Carbon	7440-44-0	0.08	0.0207	
				Proprietary Additives	Trade Secret	0.01	0.0026	
2	Base Material	Copper C102	0.060	Copper	7440-50-8	99.98	74.0552	74.07
				Proprietary Additives	Trade Secret	0.01	0.0074	
				Oxygen	7782-44-7	0.01	0.0074	
		Total Weight	0.081					

# MATERIAL DECLARATION SHEET



CSI2H-2512K-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	0.0163	Iron	7439-89-6	70.42	15.0417	21.36
				Aluminum	7429-90-5	4.8	1.0253	
				Chromium	7440-47-3	23.49	5.0175	
				Manganese	7439-96-5	0.5	0.1068	
				Silicon	7440-21-3	0.7	0.1495	
				Carbon	7440-44-0	0.08	0.0171	
				Proprietary Additives	Trade Secret	0.01	0.0021	
2	Base Material	Copper C102	0.060	Copper	7440-50-8	99.98	78.6243	78.64
				Proprietary Additives	Trade Secret	0.01	0.00785	
				Oxygen	7782-44-7	0.01	0.00785	
		Total Weight	0.0763					

This Document was updated on: 05-01-2023

**Important remarks:**

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