

**Material Data Declaration Sheet**

**ECS INC. INTERNATIONAL**

ECS Model	CSM-12 (-18 Package Type)	Exemption 7( c )I Lead in a
Product Description	SMD Crystal	glass or ceramic matrix compound.
Product Total Weight	324.550006 mg/pcs	



Contact Information	Company	ECS INC. INTERNATIONAL	
	Contact Name	AJ Anderson	
	Address	15351 W. 109th Street Lenexa, KS 66219	
	Phone Number	913-782-7787	

Homogenous Component/Subcomponent	Homogenous Component/Subcomponent Weight (mg)	Substance	CAS number	Substance Weight (mg)	PPM Level (If Available) (Substance Weight/Total Homogenous Component or Subcomponent Weight*1000000)	Percent of Substance Content (by weight)
Base	177.070004	Al2O3	1344-28-1	154.630000	476444	47.64%
		SiO2	14808-60-7	6.140000	18919	1.89%
		Cr2O3	1308-38-9	6.600000	20336	2.03%
		TiO2	13463-67-7	1.710000	5269	0.53%
		CaO	1305-78-8	0.580000	1787	0.18%
		MgO	1309-48-4	0.850000	2619	0.26%
		W	7440-33-7	5.200000	16022	1.60%
		Co	7440-48-4	0.200000	616	0.06%
		Mo	7439-98-7	0.160000	493	0.05%
		Ni	7440-02-0	0.790000	2434	0.24%
		Tl	7440-28-0	0.000004	0	0.00%
		Au	7440-57-5	0.210000	647	0.06%
		Cover	141.000002	Al2O3	1344-28-1	109.566588
MnO2	1313-13-9			2.772906	8544	0.85%
Pb	7439-92-1			15.106035	46545	4.65%
ZnO	1314-13-2			0.520572	1604	0.16%
TiO2	13463-67-7			4.174446	12862	1.29%
CaO	1305-78-8			0.1802	555	0.06%
MgO	1309-48-4			0.020022	62	0.01%
SiO2	14808-60-7			3.163335	9747	0.97%
CuO	1317-38-0			0.220242	679	0.07%
Fe2O3	1309-37-1			3.373566	10395	1.04%
Bi2O3	1304-76-3			1.141254	3516	0.35%
Na2O	1313-59-3			0.220242	679	0.07%
B2O3	1303-86-2			0.540594	1666	0.17%
Blank Electrode	5.660000			SiO2	14808-60-7	5.570000
		Cr	7440-47-3	0.020000	62	0.01%
		Ag	7440-22-4	0.070000	216	0.02%
Bond	0.820000	Ag	7440-22-4	0.738000	2274	0.23%
		Si	7440-21-3	0.082000	253	0.03%