



Material Data Declaration Sheet

ECS INC. INTERNATIONAL

ECS Model		CSM-9 (-35)					 
Product Description		8.0x4.5mm SMD Crystal					
Product Total Weight		0.1355g/pcs					
Contact Information	Company	ECS INC. INTERNATIONAL					
	Contact Name	AJ Anderson					
	Address	1105 S. Ridgeview Olathe, KS 66062					
	Phone Number	913-782-7787					
							Exemption 7 (c) I
Homogenous Component/Subcomponent	Homogenous Component/Subcomponent Weight (g)	Substance	CAS number	Substance Weight (g)	PPM Level (If Available) (Substance Weight/Total Homogenous Component or	PPM Level Availability Date (If Not Available)	Purpose/Location
8045 PKG	0.0620	Alumina-Al ₂ O ₃	1344-28-1	0.05363	395793		Ceramic
		Silica-SiO ₂	14808-60-7	0.001798	13269		Ceramic
		Titanium oxide-TiO	13463-67-7	0.00031	2288		Ceramic
		Magnesia-MgO	1309-48-4	0.00031	2288		Ceramic
		Calcia-CaO	7440-70-2	0.00031	2288		Ceramic
		Chromium oxide-Cr ₂ O ₃	1308-38-9	0.003224	23793		Ceramic
		Tungsten-W	7440-33-7	0.001922	14185		Electric conductor
		Molybdenum-Mo	7439-98-7	0.000062	458		Electric conductor
		Nickel-Ni	7440-02-0	0.000248	1830		Ni plating
		Cobalt-Co	7440-48-4	0.000124	915		Ni plating
		Gold-Au	7440-57-5	0.000062	458		Au plating
7.2*4.05 LID	0.048	Alumina-Al ₂ O ₃	1344-28-1	0.031536	232738		Ceramic
		Silica-SiO ₂	14808-60-7	0.000864	6376		Ceramic
		Titanium oxide-TiO ₂	13463-67-7	0.000864	6376		Ceramic
		Iron oxide-Fe ₂ O ₃	1309-37-1	0.000864	6376		Ceramic
		Maganese oxide-MnO ₂	1313-13-9	0.000768	5668		Ceramic
		Sodium oxide-Na ₂ O	1313-59-3	0.000048	354		Ceramic
		Lead oxide-PbO	1317-36-8	0.01008	74391		Seal glass
		Thallium oxide-Tl ₂ O ₃	1314-32-5	0.000816	6022		Seal glass
		Bismuth oxide-Bi ₂ O ₃	1304-76-3	0.000768	5668		Seal glass
		Boron oxide-B ₂ O ₃	1303-86-2	0.000384	2834		Seal glass
		Zinc oxide-ZnO	1314-13-2	0.000336	2480		Seal glass
		Iron oxide-Fe ₂ O ₃	1309-37-1	0.000288	2125		Seal glass
		Copper oxide-CuO	1317-38-0	0.000144	1063		Seal glass
		Calcium oxide-CaO	1305-78-8	0.000096	708		Seal glass
		Silica-SiO ₂	14808-60-7	0.000096	708		Seal glass
		Manganese oxide-MnO	1344-43-0	0.000048	354		Seal glass
Blank	0.0055	Silica-SiO ₂	14808-60-7	0.0055	40590		Quartz crystal
Silver	0.015	Silver-Ag	7440-22-4	0.01499898	110694		Electrode
		Copper-Cu	7440-50-8	0.00000045	3		Electrode
		Bismuth-Bi	7440-69-9	0.00000012	1		Electrode
		Iron-Fe	7439-89-6	0.00000015	1		Electrode
		Antimony-Sb	7440-36-0	0.00000015	1		Electrode
		Selenium-Se	7782-49-2	0.00000008	1		Electrode
		Tellurium-Te	13494-80-9	0.00000008	1		Electrode
Epoxy	0.005	Silver Ag	7440-22-4	0.00425	31365		Connect
		Silicone Resin	7440-21-3	0.00075	5535		Support