

Material Data Declaration Sheet

ECS Part Number	ECS-MPI2520R0-R	
Product Description	Metal Power Inductor	
Product Revision		
Product Total Weight	0.029g/pcs	
Contact Information	Company	ECS INC INTERNATIONAL
	Contact Name	AJ Anderson
	Address	15351 W. 109th Street Lenexa, Kansas 66219
	Phone Number	913-782-7787



Homogenous Component/Subcomponent	Homogenous Component/Subcomponent Weight (g)	Substance	CAS number	Substance Weight (g)	PPM Level (If Available) (Substance Weight/Total Homogenous Component or Subcomponent Weight*1000000)	Remark
Magnetic Sheet	0.02147160	Iron-Fe	7439-89-6	0.019296600	665400	
		Silicone-Si	7440-21-3	0.002175000	75000	
Cu Wire	0.00580000	Copper-Cu	7440-50-8	0.004640000	160000	
		Polyamide Resin	Trade Secret	0.001160000	40000	Proprietary
Electrode	0.00043500	Copper-Cu	7440-50-8	0.000014500	500	
		Nickel-Ni	7440-02-0	0.000304500	10500	
		Tin-Sn	7440-31-5	0.000116000	4000	
Black IR Ink	0.00002900	Epoxy Acrylate Oligomer	Trade Secret	0.000011600	400	Proprietary
		Triglycidyl isocyanurate	2541-62-9	0.000000290	10	
		Epoxy Resin	Trade Secret	0.000002900	100	Proprietary
		Pigment	1309-38-2	0.000002900	100	
		Inorganic Fillers	7727-43-7	0.000000290	10	
		Silica Gel	112926-00-8	0.000001450	50	
		Solvent Naphtha	64742-94-5	0.000004350	150	
Black PSR Ink	0.00098600	Diethylene Glycol Monoethyl Ether Acetate	112-15-2	0.000005220	180	
		Epoxy Acrylate Oligomer	Trade Secret	0.000443700	15300	Proprietary
		Pigment	12286-66-7	0.000009860	340	
		Inorganic Fillers	7727-43-7	0.000039440	1360	
		Diethylene Glycol Monoethyl Ether Acetate	112-15-2	0.000197200	6800	
		Triglycidyl isocyanurate	2541-62-9	0.000009860	340	
		Photoinitiator	71868-10-5	0.000039440	1360	
		Silica Gel	112926-00-8	0.000049300	1700	
		Epoxy Resin	Trade Secret	0.000049300	1700	Proprietary
		Acrylate Resin	Various	0.000049300	1700	
White Ink (Surface Marking)	0.00027840	Solvent Naphtha	64742-94-5	0.000098600	3400	
		Epoxy Acrylate Oligomer	Trade Secret	0.000083520	2880	Proprietary
		Pigment	13463-67-7	0.000055680	1920	
		Inorganic Fillers	7727-43-7	0.000008352	288	
		Diethylene Glycol Monoethyl Ether Acetate	112-15-2	0.000041760	1440	
		Triglycidyl isocyanurate	2541-62-9	0.000002784	96	
		Photoinitiator	71868-10-5	0.000013920	480	
		Epoxy Resin	Trade Secret	0.000016704	576	Proprietary
		Acrylate Resin	Various	0.000013920	480	
		Dipropylene glycol Monomethylether	34590-94-8	0.000041760	1440	