

Material Data Declaration Sheet

ECS Part Number	ECS-MPI4040R4-R		
Product Description	Metal Power Inductor		
Product Revision			
Product Total Weight	0.2g/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	0.14808	Iron-Fe	7439-89-6	0.13308	665400	
		Silicone-Si	7440-21-3	0.01500	75000	
Cu Wire	0.04000	Copper-Cu	7440-50-8	0.03200	160000	
		Polyamide Resin	Trade Secret	0.00800	40000	Proprietary
Electrode	0.00300	Copper-Cu	7440-50-8	0.00200	10000	
		Nickel-Ni	7440-02-0	0.00020	1000	
		Tin-Sn	7440-31-5	0.00080	4000	
Epoxy Ink	0.00700	Epoxy Acrylate Oligomer	Trade Secret	0.00280	14000	Proprietary
		Pigment	1333-86-4	0.00007	350	
		Inorganic Fillers	7727-43-7	0.00098	4900	
		Diethylene Glycol Monoethyl Ether Acetate	112-15-2	0.00140	7000	
		Epoxy Resin	Trade Secret	0.00105	5250	Proprietary
		Acrylate Resin	Various	0.00035	1750	
White Ink (Surface Marking)	0.00192	Solvent Naphtha	64742-94-5	0.00035	1750	
		Acrylate Oligomer	Trade Secret	0.00048	2400	Proprietary
		Epoxy Resin	Trade Secret	0.00019	950	Proprietary
		Acrylate Resin	Various	0.00010	500	
		Pigment	13463-67-7	0.00038	1900	
		Inorganic Fillers	7727-43-7	0.00029	1450	
		Ether Glycol Acetate Solvent	112-15-2	0.00029	1450	
Solvent Naphtha	64742-94-5	0.00019	950			