

# Material Data Declaration Sheet

ECS Part Number	ECS-MPI4040R3-R		
Product Description	Metal Power Inductor		
Product Revision			
Product Total Weight	0.19g/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	0.14069	Iron-Fe	7439-89-6	0.12644	665474	
		Silicone-Si	7440-21-3	0.01425	75000	
Cu Wire	0.03800	Copper-Cu	7440-50-8	0.03040	160000	
		Polyamide Resin	63528-83-1	0.00760	40000	
Electrode	0.00285	Copper-Cu	7440-50-8	0.00190	10000	
		Nickel-Ni	7440-02-0	0.00019	1000	
		Tin-Sn	7440-31-5	0.00076	4000	
Epoxy Ink	0.00665	Epoxy Acrylate Oligomer	55818-57-0	0.00266	14000	
		Pigment	1333-86-4	0.00007	368	
		Inorganic Fillers	7727-43-7	0.00093	4895	
		Diethylene Glycol Monoethyl Ether Acetate	112-15-2	0.00133	7000	
		Epoxy Resin	25068-38-6	0.00100	5263	
		Acrylate Resin	25133-97-5	0.00033	1737	
White Ink (Surface Marking)	0.00181	Solvent Naphtha	64742-94-5	0.00033	1737	
		Epoxy Acrylate Oligomer	55818-57-0	0.00046	2421	
		Epoxy Resin	25068-38-6	0.00018	947	
		Acrylate Resin	25133-97-5	0.00009	474	
		Pigment	13463-67-7	0.00036	1895	
		Inorganic Fillers	7727-43-7	0.00027	1421	
		Ether Glycol Acetate Solvent	112-15-2	0.00027	1421	
Solvent Naphtha	64742-94-5	0.00018	947			