


## Material Data Declaration Sheet

ECS Part Number	ECS-HCMPI-0502Q Series					
Product Description	Metal Power Inductor					
Product Revision						
Product Total Weight	0.035g/pc					
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
Carbonyl Body	0.26250	Fe	7439-89-6	0.2567250	978000	Carbonyl Powder
		C	7440-44-0	0.0023625	9000	Carbonyl Powder
		N <sub>2</sub>	7727-37-9	0.0023625	9000	Carbonyl Powder
		O <sub>2</sub>	7782-44-7	0.0010500	4000	Carbonyl Powder
Circuit - Copper	0.05250	Cu	7440-50-8	0.0525000	1000000	Copper Wire
Circuit - Coating	0.00350	Polyamideimide Resin	63428-84-2	0.0035000	1000000	Wire Coating
Terminal Clip	0.02240	Cu	7440-50-8	0.0206150	920313	Copper
		Ni	7440-02-0	0.0004550	20313	Ni Plating
		Sn	7440-31-5	0.0013300	59375	Sn Plating
Body Coating	0.00875	(C <sub>3</sub> H <sub>4</sub> O <sub>2</sub> ) <sub>n</sub>	9003-01-4	0.0052500	600000	PL Grey
		C <sub>4</sub> H <sub>10</sub> O	71-36-3	0.0008750	100000	PL Grey
		TiO <sub>2</sub>	1317-80-2	0.0021875	250000	PL Grey
		Al	7429-90-5	0.0004375	50000	PL Grey
Body Marking	0.00035	C <sub>4</sub> H <sub>8</sub> O	78-93-3	0.0003150	900000	Ink
		C	1333-86-4	0.0000350	100000	Ink