


Material Data Declaration Sheet

ECS Part Number	ECS-HCMP1-0503Q Series					
Product Description	Metal Power Inductor					
Product Revision						
Product Total Weight	0.5g/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	0.37500	Fe	7439-89-6	0.3667500	978000	Carbonyl Powder
		C	7440-44-0	0.0033750	9000	Carbonyl Powder
		N ₂	7727-37-9	0.0033750	9000	Carbonyl Powder
		O ₂	7782-44-7	0.0015000	4000	Carbonyl Powder
Circuit - Copper	0.07500	Cu	7440-50-8	0.0750000	1000000	Copper Wire
Circuit - Coating	0.00500	Polyamideimide Resin	63428-84-2	0.0050000	1000000	Wire Coating
Terminal Clip	0.03200	Cu	7440-50-8	0.0294500	920313	Copper
		Ni	7440-02-0	0.0006500	20313	Ni Plating
		Sn	7440-31-5	0.0019000	59375	Sn Plating
Body Coating	0.01250	(C ₃ H ₄ O ₂) _n	9003-01-4	0.0075000	600000	PL Grey
		C ₄ H ₁₀ O	71-36-3	0.0012500	100000	PL Grey
		TiO ₂	1317-80-2	0.0031250	250000	PL Grey
		Al	7429-90-5	0.0006250	50000	PL Grey
Body Marking	0.00050	C ₄ H ₈ O	78-93-3	0.0004500	900000	Ink
		C	1333-86-4	0.0000500	100000	Ink