

Material Data Declaration Sheet

ECS INC. INTERNATIONAL

ECS Model	ECS-DCF-109				
Product Description	Dielectric Ceramic Monoblock Filter				
Product Total Weight	430mg/pcs				
Contact Information	Company	ECS INC. INTERNATIONAL			
	Contact Name	AJ Anderson			
	Address	15351 W 109th Street Lenexa, KS 66219			
	Phone Number	913-782-7787			
Homogenous Component/Subcomponent	Homogenous Component/Subcomponent Weight (mg)	Substance	CAS Number	Substance Weight (mg)	PPM
Ceramic	330.00	MgO	1309-48-4	33.00	100000
		BaCO3	513-77-9	33.00	100000
		TiO2	1317-80-2	148.50	450000
		CaCO3	471-34-1	57.75	175000
		Sm2O3	12060-58-1	57.75	175000
Electrode Layer	20.00	Ag	7440-22-4	10.00	500000
		Cu	7440-50-8	10.00	500000
Solder	10.00	Sn	7440-31-5	9.60	960000
		Ag	7440-22-4	0.20	20000
		Cu	7440-50-8	0.20	20000
Shielding Frame	70.00	Cu	7440-50-8	46.20	660000
		Ni	7440-02-0	14.00	200000
		Zn	7440-66-6	9.80	140000