

MATERIAL DECLARATION

PRODUCT IDENTIFICATION

- PRODUCT NAME Ferrite bead
- SERIES FBU
- SIZE 0402
- WEIGHT 0.0015 mg
- MANUFACTURE NAME Cal-Chip Electronics Inc.
- ADDRESS 59 Steamwhistle Drive, Ivyland, PA 18974

GENERAL COMPOSITION

COMPOSITION OF PARTS		COMPOSITION OF MATERIALS					CHEMICAL SUBSTANCE CONTENT
MATERIAL NAME	TYPICAL WT % IN PRODUCT	COMPOSITION NAME	MATERIAL WEIGHT	SUBSTANCE NAME	CAS NO.	EC. NO. (ELINCS)	
Main Body	85	Ferrite Powder	0.00128	Ferric Oxide	1309-37-1	215-168-2	65
				Nickel Monoxide	1313-99-1	215-215-7	6
				Copper Oxide	1317-38-0	215-269-1	7
				Zinc Oxide	1314-13-2	215-222-5	21
Inner Electrode	5	Silver Paste	0.00007	Silver	7440-22-4	231-131-3	91
				Resin	201058-08-4	203-961-6	4
				Solvent	10482-56-1	232-268-1	5
Terminal Electrode	6	Silver Paste	0.00009	Silver	7440-22-4	231-131-3	69
				Resin	201058-08-4	204-685-9	10
				Solvent	10482-56-1	203-961-6	12
				Glass	65997-17-3	232-268-1	9
		Tin Metal	0.00006	Sn	7440-31-5	231-141-8	68

MATERIAL DECLARATION

PRODUCT IDENTIFICATION

- PRODUCT NAME Ferrite Bead
 - SERIES FBU
 - SIZE 0603
 - DIELECTRIC 0.005 mg
 - WEIGHT Cal-Chip Electronics Inc.
 - MANUFACTURE NAME 59 Steamwhistle Drive, Ivyland, PA 18974
 - ADDRESS

GENERAL COMPOSITION

COMPOSITION OF PARTS		COMPOSITION OF MATERIALS					CHEMICAL SUBSTANCE CONTENT
MATERIAL NAME	TYPICAL WT % IN PRODUCT	COMPOSITION NAME	MATERIAL WEIGHT	SUBSTANCE NAME	CAS NO.	EC. NO. (ELINCS)	
Main Body	85	Ferrite Powder	0.00425	Ferric Oxide	1309-37-1	215-168-2	65
				Nickel Monoxide	1313-99-1	215-215-7	6
				Copper Oxide	1317-38-0	215-269-1	7
				Zinc Oxide	1314-13-2	215-222-5	22
Inner Electrode	5	Silver Paste	0.00025	Silver	7440-22-4	231-131-3	91
				Resin	201058-08-4	203-961-6	4
				Solvent	10482-56-1	232-268-1	5
Terminal Electrode	6	Silver Paste	0.0003	Silver	7440-22-4	231-131-3	69
				Resin	201058-08-4	204-685-9	10
				Solvent	10482-56-1	203-961-6	12
				Glass	65997-17-3	232-268-1	9
Plate Layer	4	Tin Metal	0.0002	Tin	7440-31-5	231-141-8	100



MATERIAL DECLARATION

PRODUCT IDENTIFICATION

- PRODUCT NAME Ferrite Bead
 - SERIES FBU
 - SIZE 0805
 - WEIGHT 0.01 mg
 - MANUFACTURE NAME Cal-Chip Electronics Inc.
 - ADDRESS 59 Steamwhistle Drive, Ivyland, PA 18974

GENERAL COMPOSITION

COMPOSITION OF PARTS		COMPOSITION OF MATERIALS					CHEMICAL SUBSTANCE CONTENT
MATERIAL NAME	TYPICAL WT % IN PRODUCT	COMPOSITION NAME	MATERIAL WEIGHT	SUBSTANCE NAME	CAS NO.	EC. NO. (ELINCS)	
Main Body	85	Ferrite Powder	0.0085	Ferric Oxide	1309-37-1	215-168-2	65
				Nickel Monoxide	1313-99-1	215-215-7	6
				Copper Oxide	1317-38-0	215-269-1	7
				Zinc Oxide	1314-13-2	215-222-5	22
Inner Electrode	5	Silver Paste	0.0005	Silver	7440-22-4	231-131-3	91
				Resin	201058-08-4	203-961-6	4
				Solvent	10482-56-1	232-268-1	5
Terminal Electrode	6	Silver Paste	0.0006	Silver	7440-22-4	231-131-3	69
				Resin	201058-08-4	204-685-9	10
				Solvent	10482-56-1	203-961-6	12
				Glass	65997-17-3	232-268-1	9
Plate Layer	4	Tin Metal	0.0004	Tin	7440-31-5	231-141-8	100

MATERIAL DECLARATION

PRODUCT IDENTIFICATION

- PRODUCT NAME Ferrite Bead
 - SERIES FBU
 - SIZE 1206
 - DIELECTRIC 0.022 mg
 - WEIGHT Cal-Chip Electronics Inc.
 - MANUFACTURE NAME 59 Steamwhistle Drive, Ivyland, PA 18974
 - ADDRESS

GENERAL COMPOSITION

COMPOSITION OF PARTS		COMPOSITION OF MATERIALS					CHEMICAL SUBSTANCE CONTENT
MATERIAL NAME	TYPICAL WT % IN PRODUCT	COMPOSITION NAME	MATERIAL WEIGHT	SUBSTANCE NAME	CAS NO.	EC. NO. (ELINCS)	
Main Body	85	Ferrite Powder	0.0187	Ferric Oxide	1309-37-1	215-168-2	65
				Nickel Monoxide	1313-99-1	215-215-7	6
				Copper Oxide	1317-38-0	215-269-1	7
				Zinc Oxide	1314-13-2	215-222-5	22
Inner Electrode	5	Silver Paste	0.0011	Silver	7440-22-4	231-131-3	91
				Epoxy Resin	201058-08-4	203-961-6	4
				Solvent	10482-56-1	232-268-1	5
Terminal Electrode	6	Silver Paste	0.00132	Silver	7440-22-4	231-131-3	69
				Epoxy Resin	201058-08-4	204-685-9	10
				Solvent	10482-56-1	203-961-6	12
				Glass	65997-17-3	232-268-1	9
Plate Layer	4	Tin Metal	0.00088	Tin	7440-31-5	231-141-8	100



MATERIAL DECLARATION

PRODUCT IDENTIFICATION

- PRODUCT NAME Ferrite Bead
 - SERIES FBU
 - SIZE 1210
 - WEIGHT 0.053 mg
 - MANUFACTURE NAME Cal-Chip Electronics Inc.
 - ADDRESS 59 Steamwhistle Drive, Ivyland, PA 18974

GENERAL COMPOSITION

COMPOSITION OF PARTS		COMPOSITION OF MATERIALS					CHEMICAL SUBSTANCE CONTENT
MATERIAL NAME	TYPICAL WT % IN PRODUCT	COMPOSITION NAME	MATERIAL WEIGHT	SUBSTANCE NAME	CAS NO.	EC. NO. (ELINCS)	
Main Body	85	Ferrite Powder	0.04505	Ferric Oxide	1309-37-1	215-168-2	65
				Nickel Monoxide	1313-99-1	215-215-7	6
				Copper Oxide	1317-38-0	215-269-1	7
				Zinc Oxide	1314-13-2	215-222-5	22
Inner Electrode	5	Silver Paste	0.00265	Silver	7440-22-4	231-131-3	91
				Epoxy Resin	201058-08-4	203-961-6	4
				Solvent	10482-56-1	232-268-1	5
Terminal Electrode	6	Silver Paste	0.00318	Silver	7440-22-4	231-131-3	69
				Epoxy Resin	201058-08-4	204-685-9	10
				Solvent	10482-56-1	203-961-6	12
				Glass	65997-17-3	232-268-1	9
Plate Layer	4	Tin Metal	0.00212	Tin	7440-31-5	231-141-8	100