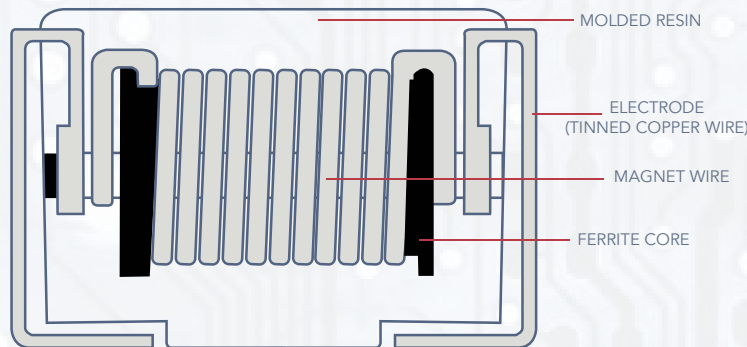


## PRODUCTION IDENTIFICATION

- PRODUCT NAME Wirewound Inductor  
 - TYPE Molded  
 - SIZE 4532  
 - SERIES NL4532  
 - WEIGHT .120 mg  
 - MANUFACTURE NAME Cal-Chip Electronics Inc.  
 - ADDRESS 59 Steamwhistle Drive Ivyland, PA 18974  
 - RESPONSIBLE PERSON NAME Frank Salamone  
 - TELEPHONE 215.942.8900

## GENERAL COMPOSITION



PART STRUCTURE	MATERIAL	CAS #	MATERIAL WT. (MG) TOTAL	MATERIAL % STRUCTURE	WT. STRUCTURE BREAKDOWN MG.	% OF PART STRUCTURE
CORE	Iron	1309-37-1	36.0	30.0	23.76	66.0
	NiO	1313-99-1			4.5	12.5
	CuO	1317-38-0			1.62	4.5
	ZnO	1314-13-2			6.12	17.0
COPPER WIRE	Cu	7440-50-8	12.22	10.18	11.9756	98.0
	Urethane	N/A			0.2444	2.0
TERMINAL	Cu	7440-50-8	42.0	35.0	41.16	98.0
	Sn	7440-66-6			0.84	2.0
SOLDER	Sn	7440-66-6	1.0	0.84	0.965	96.5
	Cu	7440-50-8			0.005	0.50
	Ag	7440-22-4			0.03	3.0
PLATING	Ni	7440-02-0	0.5	0.42	0.125	25.0
	Sn	7440-66-6			0.375	75.0
EPOXY	Silica	14808-60-7	28.28	23.56	21.21	75.0
	Sb2O3	1309-64-4			0.2828	1.0
	Epoxy	29690-82-2			5.656	20.0
	Proprietary	N/A			1.1312	4.0

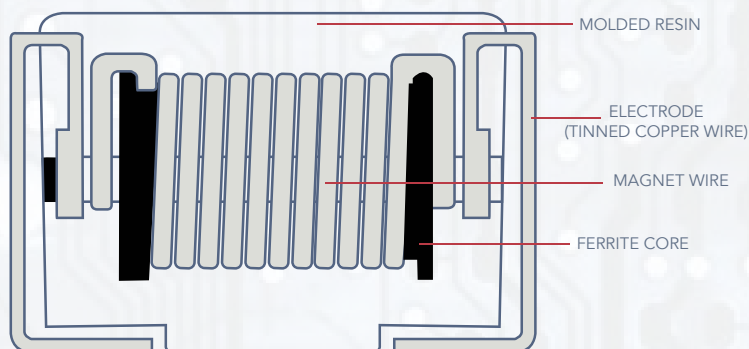
# MATERIAL DECLARATION

NL-3225

## PRODUCTION IDENTIFICATION

- PRODUCT NAME Wirewound Inductor  
 - TYPE Molded  
 - SIZE 3225  
 - SERIES NL3225  
 - WEIGHT .48 mg  
 - MANUFACTURE NAME Cal-Chip Electronics Inc.  
 - ADDRESS 59 Steamwhistle Drive Ivyland, PA 18974  
 - RESPONSIBLE PERSON NAME Frank Salamone  
 - TELEPHONE 215.942.8900

## GENERAL COMPOSITION



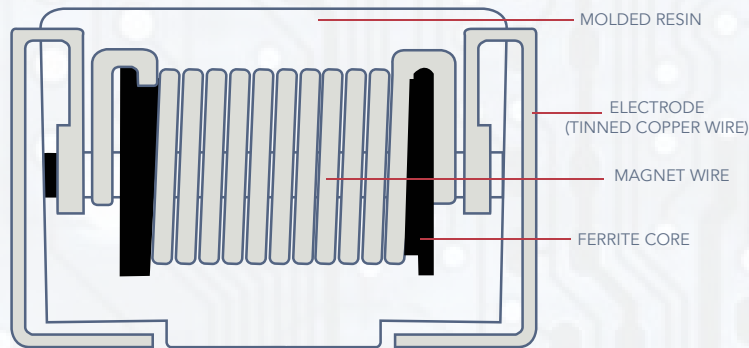
PART STRUCTURE	MATERIAL	CAS #	MATERIAL WT. (MG) TOTAL	MATERIAL % STRUCTURE	WT. STRUCTURE BREAKDOWN MG.	% OF PART STRUCTURE
CORE	Iron	1309-37-1	10.5	21.88	6.93	66.0
	NiO	1313-99-1			1.3125	12.5
	CuO	1317-38-0			0.4725	4.5
	ZnO	1314-13-2			1.785	17.0
COPPER WIRE	Cu	7440-50-8	4.51	9.4	4.4198	98.0
	Urethane	N/A			0.0902	2.0
TERMINAL	Cu	7440-50-8	9.45	19.69	9.261	98.0
	Sn	7440-66-6			0.189	2.0
SOLDER	Sn	7440-66-6	1.5	3.12	1.4475	96.5
	Cu	7440-50-8			0.0075	0.50
	Ag	7440-22-4			0.045	3.0
PLATING	Ni	7440-02-0	0.5	1.04	0.125	25.0
	Sn	7440-66-6			0.375	75.0
EPOXY	Silica	14808-60-7	21.54	44.87	16.155	75.0
	Sb2O3	1309-64-4			0.2154	1.0
	Epoxy	29690-82-2			4.308	20.0
	Proprietary	N/A			0.8616	4.0



## PRODUCTION IDENTIFICATION

- PRODUCT NAME Wirewound Inductor
- TYPE Molded
- SIZE 2520
- SERIES NL2520
- WEIGHT .29 mg
- MANUFACTURE NAME Cal-Chip Electronics Inc.
- ADDRESS 59 Steamwhistle Drive Ivyland, PA 18974
- RESPONSIBLE PERSON NAME Frank Salamone
- TELEPHONE 215.942.8900

## GENERAL COMPOSITION



PART STRUCTURE	MATERIAL	CAS #	MATERIAL WT. (MG) TOTAL	MATERIAL % STRUCTURE	WT. STRUCTURE BREAKDOWN MG.	% OF PART STRUCTURE
CORE	Iron	1309-37-1	8.7	30.0	5.742	66.0
	NiO	1313-99-1			1.0875	12.5
	CuO	1317-38-0			0.3915	4.5
	ZnO	1314-13-2			1.479	17.0
COPPER WIRE	Cu	7440-50-8	2.9	10.18	2.842	98.0
	Urethane	N/A			.058	2.0
TERMINAL	Cu	7440-50-8	10.15	35.0	9.947	98.0
	Sn	7440-66-6			0.203	2.0
SOLDER	Sn	7440-66-6	.24	0.840	0.2316	96.5
	Cu	7440-50-8			.0012	0.50
	Ag	7440-22-4			.0072	3.0
PLATING	Ni	7440-02-0	0.12	0.42	.03	25.0
	Sn	7440-66-6			.09	75.0
EPOXY	Silica	14808-60-7	6.832	23.56	5.124	75.0
	Sb2O3	1309-64-4			.6832	1.0
	Epoxy	29690-82-2			1.3664	20.0
	Proprietary	N/A			.27328	4.0