

Fair-Rite P/N 0331184751

Nominal Chemical Composition

75 Material Grade Ferrite Core

		Wt of core (g) =	51.80	Compound Weight (g) Breakdown of 31 Material
Compound	CAS Number	Wt %	Compound Weight (g)	
Iron oxide (Fe ₂ O ₃)	1309-37-1	65	33.67	
Zinc oxide (ZnO)	1314-13-2	14	7.25	
Manganese oxide (MnO)	1344-43-0	21	10.88	

Supporting notes:

- P/N 0331184751 consists of:
 - Core 75 Material Grade Ferrite Core
 - Case 301 Stainless Steel Clip
- RoHS Conversion Date= 1/1/2005
- RoHS Compliance Marking is Contained on Shipping Labels

301 Stainless Steel Clip

		Wt of case (g) =	3.90	Compound Weight (g) Breakdown of 301 Stainless Steel Clip
Material	CAS Number	Wt%	Compound Weight (g)	
Fe	7439-89-6	72.6939	2.8351	
Cr	7440-47-3	17.2000	0.6708	
Ni	7440-02-0	6.7100	0.2617	
Mn	7439-96-5	1.7600	0.0686	
Cu	7440-50-8	0.7100	0.0277	
Si	7440-21-3	0.4000	0.0156	
Mo	7439-98-7	0.3500	0.0137	
C	7440-44-0	0.1000	0.0039	
N2	7727-37-9	0.0400	0.0016	
P	7723-14-0	0.0360	0.0014	
S	7704-34-9	0.0001	0.0000	

Calculated Maximum Levels of RoHS Restricted Substances Present in 31 Material Grade

		Wt of core (g) =	51.80	RoHS Impurity Substance Weight (g) Breakdown of 31 Material
Impurity Substance	RoHS Threshold (ppm):	ppm	Compound Weight (g)	
Hexavalent chromium (Cr+6)	1000	0.00	0	
Cadmium (Cd)	100	4.69	0.000242942	
Mercury (Hg)	1000	0.19	0.000009842	
Lead (Pb)	1000	11.30	0.00058534	
Polybrominated biphenyl (PBB)	1000	0.00	0	
Polybrominated diphenyl (PBDE)	1000	0.00	0	
Bis(2-Ethylhexyl) phthalate (DEHP)	1000	0.00	0	
Benzyl butyl phthalate (BBP)	1000	0.00	0	
Dibutyl phthalate (DBP)	1000	0.00	0	
Diisobutyl phthalate (DIBP)	1000	0.00	0	