

Fair-Rite P/N 036184751

Nominal Chemical Composition

61 Material Grade Ferrite Core

		Wt of Core (g)=	43.20	Compound Weight (g) Breakdown of 61 Material
Compound	CAS Number	Wt %	Compound Weight (g)	
Fe ₂ O ₃	1309-37-1	72	31.10	
ZnO	1314-13-2	13	5.62	
NiO	1313-99-1	11	4.75	
MnO	1344-43-0	2	0.86	
CuO	1317-38-0	1	0.43	
CoO	1307-96-6	1	0.43	

Supporting notes:

- P/N 036184751 consists of:
 - core 61 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	
N ₂	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 61 Material Grade

		Wt of Core (g)=	43.20	RoHS Impurity Substance Weight (g) Breakdown of 61 Material
Impurity Substance	RoHS Threshold (ppm):	ppm	Compound Weight (g)	
Cr+6	1000	0.00	0	
Cd	100	0.00	0	
Hg	1000	0.00	0	
Pb	1000	0.00	0	
PBB	1000	0.00	0	
PBDE	1000	0.00	0	
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	