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Features

MnZn ferrite material with range up to 100 kHz for wide range of high and low flux density inductive designs.

SB-6301-77

REVISION HISTORY

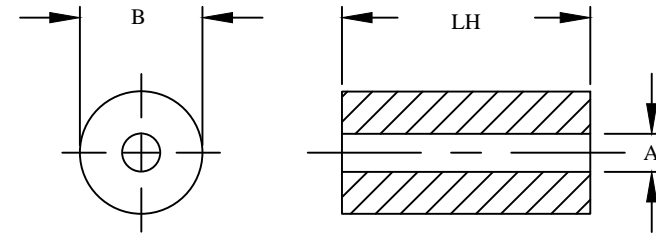
REV	ECN	DESCRIPTION	SIGN & DATE			
			BY	DATE	AP.	DATE
A		Production release	EO	9/29/13	JL	9/29/13

Electrical Specifications

Item	Unit/Symbol	Condition	Value	Tol.
Typical Impedance	Ω	1 MHz	25	Typ.
Typical Impedance	Ω	5 MHz	N/A	Typ.
Typical Impedance	Ω	10 MHz	40	Typ.
Typical Impedance	Ω	25 MHz	33	Typ.
Typical Impedance	Ω	100 MHz	N/A	Typ.
Typical Impedance	Ω	250 MHz	N/A	Typ.
Initial Permeability	μ_0	@ B < 10 gauss	2000	Nom.
Temp. Coeff. Of initial Permeability	%, °C	20 - 70 °C	0.7	Typ.
Coercive Force	H _c	oersted	0.30	Typ.
Residual Flux Density	Gauss, B _r	N/A	1800	Typ.
Flux Density	Gauss, B	Initial (B), oersted	4900	Typ.
	Gauss, H	@ Field Strength (H), oersted	5	Typ.
Curie temperature	°C	T _c	> 200	Nom.
Resistivity	Ω cm, ρ	@ Field Strength	10 ²	Typ.
Loss Factor	10 ⁻⁶ , tan δ / μ	Initial	15	Typ.
	MHz	@ Frequency	0.1	Typ.

Dimensional Tolerances

	in	tol.	mm	tol.
B (Outer Diameter)	0.375	± 0.009	9.50	± 0.25
A (Inner Diameter)	0.193	± 0.012	4.75	± 0.30
LH (Length)	0.410	± 0.009	10.40	± 0.25
Weight	2.20 g			



FRONT VIEW

SIDE VIEW

For additional detail, specifications and charts see:

http://www.bytemark.com/products/ferrite_matl.htm

CODE IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
		PARTS LIST	
AUTOCAD	X	www.coilws.com www.cwsbytemark.com	CWSBYTEMARK 353 West Grove Ave. Orange, CA. 92865
SOLIDWORKS			
DRAWN	EO 9/29/13	 Ferrite Shielding Bead Material 77, MnZn	
CHECKED	JL 9/29/13		
ENGR.	JL 9/29/13		
APPR.	JL 9/29/13	SIZE DWG. NO.	REV
		B SB-6301-77	A
DO NOT SCALE DRAWING		SCALE	SHEET 1 OF 1
		N/A	