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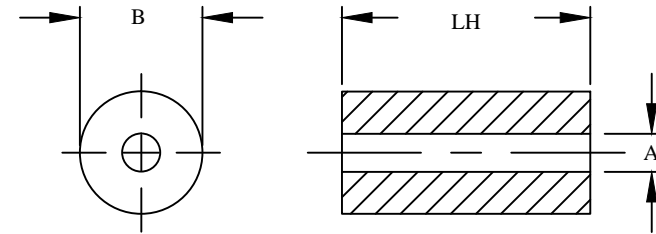
SB-5621-31

Features

NiZn ferrite with range 1 to 500 MHz for suppression of conducted EMI. No limitation of dimensional resonance of common MnZn ferrite properties.

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	35	Typ.
Typical Impedance	Ω	5 MHz	91	Typ.
Typical Impedance	Ω	10 MHz	119	Typ.
Typical Impedance	Ω	25 MHz	181	Typ.
Typical Impedance	Ω	100 MHz	300	Typ.
Typical Impedance	Ω	250 MHz	280	Typ.
Initial Permeability	μ_0	@ B < 10 gauss	1500	Nom.
Temp. Coeff. Of initial Permeability	%, °C	20 - 70 °C	1.60	Typ.
Coercive Force	H _c	oersted	0.35	Typ.
Residual Flux Density	Gauss, B _r	N/A	2500	Typ.
Flux Density	Gauss, B	Initial (B), oersted	3400	Typ.
	Gauss, H	@ Field Strength (H), oersted	5	Typ.
Curie temperature	°C	T _c	> 130	Nom.
Resistivity	Ω cm, ρ	@ Field Strength	3×10^3	Typ.
Loss Factor	10^{-6} , $\tan \delta / \mu$	Initial	20	Typ.
	MHz	@ Frequency	0.1	Typ.



FRONT VIEW

SIDE VIEW

For additional detail, specifications and charts see:

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

Dimensional Tolerances				
	in	tol.	mm	tol.
B (Outer Diameter)	0.562	± 0.016	14.30	± 0.40
A (Inner Diameter)	0.250	± 0.009	6.35	± 0.25
LH (Length)	1.125	± 0.029	28.60	± 0.75
Weight	17.70 g			

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	TITLE: Ferrite Shielding Bead Material 31, MnZn	
CHECKED	JL 9/29/13		
ENGR.	JL 9/29/13		
APPR.	JL 9/29/13	SIZE DWG. NO. B SB-5621-31	REV A
DO NOT SCALE DRAWING		SCALE N/A	SHEET 1 OF 1