

## Mn-Zn Toroid core / EKT Series

### Features

1. High magnetic permeability.
2. Excellent saturation flux density.
3. Low power loss.

### Application

1. Common mode choke for signal line.
2. Filter for video and audio signals.
3. Power supplies, switching circuits.

### Product Identification



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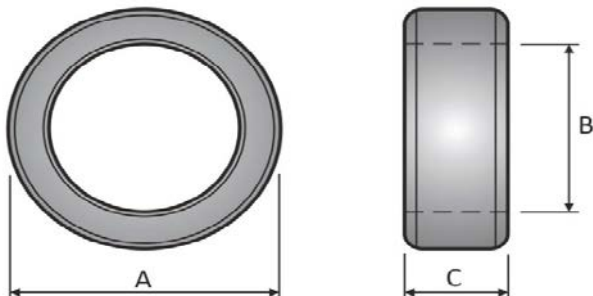


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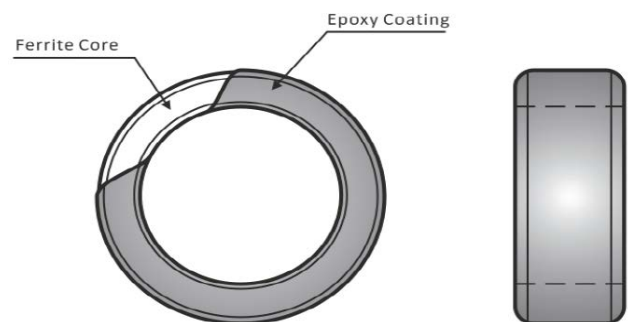
Product Series			Outer Diameter		Inner Diameter		Height	
EKT	Material	2300 $\mu$ i	060	6 mm	030	3 mm	030	3 mm
EST	Material	7000 $\mu$ i	060	6 mm	030	3 mm	040	3 mm
ENT	Material	10000 $\mu$ i	060	6 mm	030	3 mm	040	3 mm

Coating	
BC	Black
C	Gray
G	Green

### Shapes And Dimensions




### Construction




### Material List

No.	Location	Material
1	Ferrite Body	Fe <sub>2</sub> O <sub>3</sub>
		MnO
		CuO
		ZnO
2	Epoxy Coating	Epoxy

**Mn-Zn Toroid core / EKT Series**
 Dimensions & Characteristics


Unit : mm

Part No.	A (mm)	B (mm)	C (mm)	AL (nH / N <sup>2</sup> )	Tolerance
EKT060030030	6.0 ± 0.3	3.0 ± 0.3	3.0 ± 0.2	1000	30%
EKT080040040	8.0 ± 0.3	4.0 ± 0.3	4.0 ± 0.3	1230	30%
EKT080050030	8.0 ± 0.3	5.0 ± 0.3	3.0 ± 0.2	640	30%
EKT090050030	9.0 ± 0.3	5.0 ± 0.3	3.0 ± 0.2	850	30%
EKT100050050	10.0 ± 0.3	5.0 ± 0.3	5.0 ± 0.3	1530	30%
EKT100060028	10.0 ± 0.3	6.0 ± 0.3	2.8 ± 0.2	650	30%
EKT100060035	10.0 ± 0.3	6.0 ± 0.3	3.5 ± 0.2	800	30%
EKT100060040	10.0 ± 0.3	6.0 ± 0.3	4.0 ± 0.2	920	30%
EKT100060050	10.0 ± 0.3	6.0 ± 0.3	5.0 ± 0.3	1200	30%
EKT120060040	12.0 ± 0.4	6.0 ± 0.3	4.0 ± 0.3	1220	30%
EKT127079063	12.7 ± 0.4	7.92 ± 0.3	6.35 ± 0.3	1440	30%
EKT130060070	13.0 ± 0.4	6.0 ± 0.3	7.0 ± 0.3	2400	30%
EKT130070050	13.0 ± 0.4	7.0 ± 0.3	5.0 ± 0.3	1380	30%
EKT140080070	14.0 ± 0.4	8.0 ± 0.3	7.0 ± 0.3	1760	30%
EKT140090050	14.0 ± 0.4	9.0 ± 0.3	5.0 ± 0.3	1060	30%
EKT146105037	14.6 ± 0.4	10.5 ± 0.3	3.7 ± 0.3	550	30%
EKT160080050	16.0 ± 0.4	8.0 ± 0.3	5.0 ± 0.3	1660	30%
EKT160090050	16.0 ± 0.4	9.0 ± 0.3	5.0 ± 0.3	1290	30%
EKT160100070	16.0 ± 0.4	10.0 ± 0.3	7.0 ± 0.3	1480	30%
EKT160120080	16.0 ± 0.4	12.0 ± 0.3	8.0 ± 0.3	1100	30%
EKT180100063	18.0 ± 0.4	10.0 ± 0.3	6.35 ± 0.3	1800	30%
EKT180100100	18.0 ± 0.4	10.0 ± 0.3	10.0 ± 0.3	2800	30%
EKT190110100	19.0 ± 0.4	11.0 ± 0.3	10.0 ± 0.3	2450	30%
EKT190130110	19.0 ± 0.4	13.0 ± 0.3	11.0 ± 0.3	1900	30%
EKT200100070	20.0 ± 0.4	10.0 ± 0.3	7.0 ± 0.3	2150	30%
EKT200100100	20.0 ± 0.4	10.0 ± 0.3	10.0 ± 0.3	3300	30%
EKT200120100	20.0 ± 0.4	12.0 ± 0.4	10.0 ± 0.3	2300	30%
EKT220140080	22.0 ± 0.4	14.0 ± 0.4	8.0 ± 0.3	1700	30%
EKT220140100	22.0 ± 0.4	14.0 ± 0.4	10.0 ± 0.3	2100	30%
EKT220140127	22.0 ± 0.4	14.0 ± 0.4	12.7 ± 0.3	3000	30%
EKT250150100	25.0 ± 0.4	15.0 ± 0.4	10.0 ± 0.3	2200	30%
EKT250150120	25.0 ± 0.4	15.0 ± 0.4	12.0 ± 0.3	2900	30%
EKT250150130	25.0 ± 0.4	15.0 ± 0.4	13.0 ± 0.3	3200	30%

**Mn-Zn Toroid core / EKT Series**
 Dimensions & Characteristics

Unit : mm

Part No.	A (mm)	B (mm)	C (mm)	AL (nH / N <sup>2</sup> )	Tolerance
EKT260145200	26.0 ± 0.4	14.5 ± 0.4	20.0 ± 0.4	5250	30%
EKT280124076	28.0 ± 0.4	12.4 ± 0.3	7.6 ± 0.3	2400	30%
EKT280160160	28.0 ± 0.4	16.0 ± 0.4	16.0 ± 0.3	4600	30%
EKT280180130	28.0 ± 0.4	18.0 ± 0.4	13.0 ± 0.3	3000	30%
EKT290180150	29.0 ± 0.5	18.0 ± 0.4	15.0 ± 0.3	3200	30%
EKT290190150	29.0 ± 0.5	19.0 ± 0.4	15.0 ± 0.3	2870	30%
EKT310180140	31.0 ± 0.5	18.0 ± 0.5	14.0 ± 0.4	3400	30%
EKT310190130	31.0 ± 0.5	19.0 ± 0.5	13.0 ± 0.4	2800	30%
EKT310190150	31.0 ± 0.5	19.0 ± 0.5	15.0 ± 0.4	3700	30%
EKT310200150	31.0 ± 0.5	20.0 ± 0.4	15.0 ± 0.4	3000	30%
EKT340218210	34.0 ± 0.6	21.8 ± 0.6	21.4 ± 0.4	10100	30%
EKT360230150	36.0 ± 0.5	23.0 ± 0.5	15.0 ± 0.4	7400	30%
EKT370230150	37.0 ± 0.5	23.0 ± 0.5	15.0 ± 0.4	7700	30%
EKT380190130	38.0 ± 0.5	19.0 ± 0.5	13.0 ± 0.4	9500	30%
EKT380190150	38.0 ± 0.5	19.0 ± 0.5	15.0 ± 0.4	11000	30%
EKT380190210	38.0 ± 0.5	19.0 ± 0.5	21.0 ± 0.4	15400	30%
EKT380205150	38.0 ± 0.5	20.5 ± 0.5	15.0 ± 0.4	9900	30%
EKT380220150	38.0 ± 0.5	22.0 ± 0.5	15.0 ± 0.4	8800	30%
EKT380250150	38.0 ± 0.5	25.0 ± 0.5	15.0 ± 0.4	6800	30%
EKT400230200	40.0 ± 0.8	23.0 ± 0.6	20.0 ± 0.5	11800	30%
EKT400250200	40.0 ± 0.8	25.0 ± 0.6	20.0 ± 0.5	10150	30%
EKT420260180	42.0 ± 0.8	26.0 ± 0.6	18.0 ± 0.6	9317	30%
EKT450300150	45.0 ± 0.8	30.0 ± 0.6	15.0 ± 0.4	6600	30%
EKT470270150	47.0 ± 0.8	27.0 ± 0.6	15.0 ± 0.4	8900	30%
EKT480300100	48.0 ± 1.0	30.0 ± 0.5	10.0 ± 0.3	5070	30%
EKT480300150	48.0 ± 1.0	30.0 ± 0.5	15.0 ± 0.4	7800	30%
EKT490310150	49.0 ± 0.6	31.0 ± 0.6	15.0 ± 0.4	7430	30%
EKT490310188	49.0 ± 0.6	31.0 ± 0.6	18.8 ± 0.4	7800	30%
EKT490318188	49.0 ± 0.6	31.8 ± 0.6	18.8 ± 0.4	7800	30%
EKT490338190	49.0 ± 0.6	33.8 ± 0.6	19.0 ± 0.3	7670	30%
EKT500250200	50.0 ± 1.0	25.0 ± 0.6	20.0 ± 0.6	14666	30%
EKT510310130	51.0 ± 1.0	31.0 ± 0.8	13.0 ± 0.4	6900	30%
EKT560320180	56.0 ± 1.0	32.0 ± 1.0	18.0 ± 0.6	10800	30%

**Mn-Zn Toroid core / EKT Series**
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Unit : mm

Part No.	A (mm)	B (mm)	C (mm)	AL (nH / N <sup>2</sup> )	Tolerance
EKT560360200	56.0 ± 1.0	36.0 ± 1.0	20.0 ± 0.6	9500	30%
EKT580400180	58.0 ± 1.5	40.0 ± 1.0	18.0 ± 0.6	7200	30%
EKT600380200	60.0 ± 1.5	38.0 ± 1.0	20.0 ± 0.6	9870	30%
EKT600400200	60.0 ± 1.5	40.0 ± 1.0	20.0 ± 0.6	8800	30%
EKT630380127	63.0 ± 1.5	38.0 ± 1.0	12.7 ± 0.5	6840	30%
EKT630380250	63.0 ± 1.5	38.0 ± 1.0	25.0 ± 0.8	15500	30%
EKT680440150	68.0 ± 1.5	44.0 ± 0.8	15.0 ± 0.5	7000	30%
EKT740400130	74.0 ± 1.5	40.0 ± 1.0	13.0 ± 0.4	8500	30%
EKT800500200	80.0 ± 1.5	50.0 ± 1.0	20.0 ± 0.8	10100	30%
EKT870540140	87.0 ± 2.0	54.0 ± 2.0	14.0 ± 0.5	7200	30%
EKT870540300	87.0 ± 2.0	54.0 ± 2.0	30.0 ± 1.0	15000	30%

**Note :**

Specifications which provide more details for the proper and safe use of the described product are available upon request. all specifications are subject to change without notice.

**Mn-Zn Toroid core / EST Series**
**.Dimensions & Characteristics**

Unit : mm

Part No.	A (mm)	B (mm)	C (mm)	AL (nH / N <sup>2</sup> )	Tolerance
EST060030030	6.0 ± 0.3	3.0 ± 0.3	3.0 ± 0.2	3150	30%
EST080040040	8.0 ± 0.3	4.0 ± 0.3	4.0 ± 0.3	3733	30%
EST080050030	8.0 ± 0.3	5.0 ± 0.3	3.0 ± 0.2	1950	30%
EST090050030	9.0 ± 0.3	5.0 ± 0.3	3.0 ± 0.2	2600	30%
EST100050050	10.0 ± 0.3	5.0 ± 0.3	5.0 ± 0.3	4660	30%
EST100060028	10.0 ± 0.3	6.0 ± 0.3	2.8 ± 0.2	1960	30%
EST100060035	10.0 ± 0.3	6.0 ± 0.3	3.5 ± 0.2	2450	30%
EST100060040	10.0 ± 0.3	6.0 ± 0.3	4.0 ± 0.2	2800	30%
EST100060050	10.0 ± 0.3	6.0 ± 0.3	5.0 ± 0.3	3800	30%
EST120060040	12.0 ± 0.4	6.0 ± 0.3	4.0 ± 0.3	3800	30%
EST127079063	12.7 ± 0.4	7.92 ± 0.3	6.35 ± 0.3	4500	30%
EST130060070	13.0 ± 0.4	6.0 ± 0.3	7.0 ± 0.3	7250	30%
EST130070050	13.0 ± 0.4	7.0 ± 0.3	5.0 ± 0.3	4200	30%
EST140080070	14.0 ± 0.4	8.0 ± 0.3	7.0 ± 0.3	5460	30%
EST140090050	14.0 ± 0.4	9.0 ± 0.3	5.0 ± 0.3	3300	30%
EST146105037	14.6 ± 0.4	10.5 ± 0.3	3.7 ± 0.3	1700	30%
EST160080050	16.0 ± 0.4	8.0 ± 0.3	5.0 ± 0.3	5200	30%
EST160090050	16.0 ± 0.4	9.0 ± 0.3	5.0 ± 0.3	3920	30%
EST160100070	16.0 ± 0.4	10.0 ± 0.3	7.0 ± 0.3	4523	30%
EST160120080	16.0 ± 0.4	12.0 ± 0.3	8.0 ± 0.3	3500	30%
EST180100063	18.0 ± 0.4	10.0 ± 0.3	6.35 ± 0.3	5600	30%
EST180100100	18.0 ± 0.4	10.0 ± 0.3	10.0 ± 0.3	8800	30%
EST190110100	19.0 ± 0.4	11.0 ± 0.3	10.0 ± 0.3	7460	30%
EST190130110	19.0 ± 0.4	13.0 ± 0.3	11.0 ± 0.3	5800	30%
EST200100070	20.0 ± 0.4	10.0 ± 0.3	7.0 ± 0.3	6550	30%
EST200100100	20.0 ± 0.4	10.0 ± 0.3	10.0 ± 0.3	9200	30%
EST200120100	20.0 ± 0.4	12.0 ± 0.4	10.0 ± 0.3	7000	30%
EST220140080	22.0 ± 0.4	14.0 ± 0.4	8.0 ± 0.3	5000	30%
EST220140100	22.0 ± 0.4	14.0 ± 0.4	10.0 ± 0.3	6300	30%
EST220140127	22.0 ± 0.4	14.0 ± 0.4	12.7 ± 0.3	9200	30%
EST250150100	25.0 ± 0.4	15.0 ± 0.4	10.0 ± 0.3	7500	30%
EST250150120	25.0 ± 0.4	15.0 ± 0.4	12.0 ± 0.3	9200	30%
EST250150130	25.0 ± 0.4	15.0 ± 0.4	13.0 ± 0.3	10000	30%

**Mn-Zn Toroid core / EST Series**
**.Dimensions & Characteristics**

Unit : mm

Part No.	A (mm)	B (mm)	C (mm)	AL (nH / N <sup>2</sup> )	Tolerance
EST260145200	26.0 ± 0.4	14.5 ± 0.4	20.0 ± 0.4	16300	30%
EST280124076	28.0 ± 0.4	12.4 ± 0.3	7.6 ± 0.3	7250	30%
EST280160160	28.0 ± 0.4	16.0 ± 0.4	16.0 ± 0.3	12500	30%
EST280180130	28.0 ± 0.4	18.0 ± 0.4	13.0 ± 0.3	7600	30%
EST290180150	29.0 ± 0.5	18.0 ± 0.4	15.0 ± 0.3	9800	30%
EST290190150	29.0 ± 0.5	19.0 ± 0.4	15.0 ± 0.3	9000	30%
EST310180140	31.0 ± 0.5	18.0 ± 0.5	14.0 ± 0.4	10500	30%
EST310190130	31.0 ± 0.5	19.0 ± 0.5	13.0 ± 0.4	8800	30%
EST310190150	31.0 ± 0.5	19.0 ± 0.5	15.0 ± 0.4	11200	30%
EST310200150	31.0 ± 0.5	20.0 ± 0.4	15.0 ± 0.4	9000	30%
EST340218210	34.0 ± 0.6	21.8 ± 0.6	21.4 ± 0.4	12850	30%
EST360230150	36.0 ± 0.5	23.0 ± 0.5	15.0 ± 0.4	9300	30%
EST370230150	37.0 ± 0.5	23.0 ± 0.5	15.0 ± 0.4	9800	30%
EST380190130	38.0 ± 0.5	19.0 ± 0.5	13.0 ± 0.4	12100	30%
EST380190150	38.0 ± 0.5	19.0 ± 0.5	15.0 ± 0.4	14000	30%
EST380190210	38.0 ± 0.5	19.0 ± 0.5	21.0 ± 0.4	19600	30%
EST380205150	38.0 ± 0.5	20.5 ± 0.5	15.0 ± 0.4	12600	30%
EST380220150	38.0 ± 0.5	22.0 ± 0.5	15.0 ± 0.4	11200	30%
EST380250150	38.0 ± 0.5	25.0 ± 0.5	15.0 ± 0.4	8666	30%
EST400230200	40.0 ± 0.8	23.0 ± 0.6	20.0 ± 0.5	15100	30%
EST400250200	40.0 ± 0.8	25.0 ± 0.6	20.0 ± 0.5	12920	30%
EST420260180	42.0 ± 0.8	26.0 ± 0.6	18.0 ± 0.6	11858	30%
EST450300150	45.0 ± 0.8	30.0 ± 0.6	15.0 ± 0.4	8400	30%
EST470270150	47.0 ± 0.8	27.0 ± 0.6	15.0 ± 0.4	11350	30%
EST480300100	48.0 ± 1.0	30.0 ± 0.5	10.0 ± 0.3	6500	30%
EST480300150	48.0 ± 1.0	30.0 ± 0.5	15.0 ± 0.4	10600	30%
EST490310150	49.0 ± 0.6	31.0 ± 0.6	15.0 ± 0.4	9500	30%
EST490310188	49.0 ± 0.6	31.0 ± 0.6	18.8 ± 0.4	11900	30%
EST490318188	49.0 ± 0.6	31.8 ± 0.6	18.8 ± 0.4	11900	30%
EST490338190	49.0 ± 0.6	33.8 ± 0.6	19.0 ± 0.3	9765	30%
EST500250200	50.0 ± 1.0	25.0 ± 0.6	20.0 ± 0.6	18666	30%
EST510310130	51.0 ± 1.0	31.0 ± 0.8	13.0 ± 0.4	9000	30%
EST560320180	56.0 ± 1.0	32.0 ± 1.0	18.0 ± 0.6	13500	30%

## Mn-Zn Toroid core / EST Series

### .Dimensions & Characteristics

Unit : mm

Part No.	A (mm)	B (mm)	C (mm)	AL (nH / N <sup>2</sup> )	Tolerance
EST560360200	56.0 ± 1.0	36.0 ± 1.0	20.0 ± 0.6	12100	30%
EST580400180	58.0 ± 1.5	40.0 ± 1.0	18.0 ± 0.6	9250	30%
EST600380200	60.0 ± 1.5	38.0 ± 1.0	20.0 ± 0.6	12560	30%
EST600400200	60.0 ± 1.5	40.0 ± 1.0	20.0 ± 0.6	11200	30%
EST630380127	63.0 ± 1.5	38.0 ± 1.0	12.7 ± 0.5	8800	30%
EST630380250	63.0 ± 1.5	38.0 ± 1.0	25.0 ± 0.8	19800	30%
EST680440150	68.0 ± 1.5	44.0 ± 0.8	15.0 ± 0.5	9000	30%
EST740400130	74.0 ± 1.5	40.0 ± 1.0	13.0 ± 0.4	10800	30%
EST800500200	80.0 ± 1.5	50.0 ± 1.0	20.0 ± 0.8	12900	30%
EST870540140	87.0 ± 2.0	54.0 ± 2.0	14.0 ± 0.5	9000	30%
EST870540300	87.0 ± 2.0	54.0 ± 2.0	30.0 ± 1.0	19500	30%

#### Note :

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**Mn-Zn Toroid core / ENT Series**
**.Dimensions & Characteristics**

Unit : mm

Part No.	A (mm)	B (mm)	C (mm)	AL (nH / N <sup>2</sup> )	Tolerance
ENT060030030	6.0 ± 0.3	3.0 ± 0.3	3.0 ± 0.2	4200	30%
ENT080040040	8.0 ± 0.3	4.0 ± 0.3	4.0 ± 0.3	5333	30%
ENT080050030	8.0 ± 0.3	5.0 ± 0.3	3.0 ± 0.2	2770	30%
ENT090050030	9.0 ± 0.3	5.0 ± 0.3	3.0 ± 0.2	3500	30%
ENT100050050	10.0 ± 0.3	5.0 ± 0.3	5.0 ± 0.3	6660	30%
ENT100060028	10.0 ± 0.3	6.0 ± 0.3	2.8 ± 0.2	2800	30%
ENT100060035	10.0 ± 0.3	6.0 ± 0.3	3.5 ± 0.2	3500	30%
ENT100060040	10.0 ± 0.3	6.0 ± 0.3	4.0 ± 0.2	4000	30%
ENT100060050	10.0 ± 0.3	6.0 ± 0.3	5.0 ± 0.3	5100	30%
ENT120060040	12.0 ± 0.4	6.0 ± 0.3	4.0 ± 0.3	5100	30%
ENT127079063	12.7 ± 0.4	7.92 ± 0.3	6.35 ± 0.3	6000	30%
ENT130060070	13.0 ± 0.4	6.0 ± 0.3	7.0 ± 0.3	10300	30%
ENT130070050	13.0 ± 0.4	7.0 ± 0.3	5.0 ± 0.3	6000	30%
ENT140080070	14.0 ± 0.4	8.0 ± 0.3	7.0 ± 0.3	7000	30%
ENT140090050	14.0 ± 0.4	9.0 ± 0.3	5.0 ± 0.3	4400	30%
ENT146105037	14.6 ± 0.4	10.5 ± 0.3	3.7 ± 0.3	2400	30%
ENT160080050	16.0 ± 0.4	8.0 ± 0.3	5.0 ± 0.3	6900	30%
ENT160090050	16.0 ± 0.4	9.0 ± 0.3	5.0 ± 0.3	5600	30%
ENT160100070	16.0 ± 0.4	10.0 ± 0.3	7.0 ± 0.3	6450	30%
ENT160120080	16.0 ± 0.4	12.0 ± 0.3	8.0 ± 0.3	4600	30%
ENT180100063	18.0 ± 0.4	10.0 ± 0.3	6.35 ± 0.3	7500	30%
ENT180100100	18.0 ± 0.4	10.0 ± 0.3	10.0 ± 0.3	11800	30%
ENT190110100	19.0 ± 0.4	11.0 ± 0.3	10.0 ± 0.3	10660	30%
ENT190130110	19.0 ± 0.4	13.0 ± 0.3	11.0 ± 0.3	8300	30%
ENT200100070	20.0 ± 0.4	10.0 ± 0.3	7.0 ± 0.3	9340	30%
ENT200100100	20.0 ± 0.4	10.0 ± 0.3	10.0 ± 0.3	13860	30%
EST200120100	20.0 ± 0.4	12.0 ± 0.4	10.0 ± 0.3	10000	30%
ENT220140080	22.0 ± 0.4	14.0 ± 0.4	8.0 ± 0.3	7200	30%
ENT220140100	22.0 ± 0.4	14.0 ± 0.4	10.0 ± 0.3	9000	30%
ENT220140127	22.0 ± 0.4	14.0 ± 0.4	12.7 ± 0.3	11500	30%
ENT250150100	25.0 ± 0.4	15.0 ± 0.4	10.0 ± 0.3	9200	30%
ENT250150120	25.0 ± 0.4	15.0 ± 0.4	12.0 ± 0.3	12000	30%
ENT250150130	25.0 ± 0.4	15.0 ± 0.4	13.0 ± 0.3	13300	30%



**Mn-Zn Toroid core / ENT Series**
**.Dimensions & Characteristics**

Unit : mm

Part No.	A (mm)	B (mm)	C (mm)	AL (nH / N <sup>2</sup> )	Tolerance
ENT260145200	26.0 ± 0.4	14.5 ± 0.4	20.0 ± 0.4	23000	30%
ENT280124076	28.0 ± 0.4	12.4 ± 0.3	7.6 ± 0.3	10300	30%
ENT280160160	28.0 ± 0.4	16.0 ± 0.4	16.0 ± 0.3	17900	30%
ENT280180130	28.0 ± 0.4	18.0 ± 0.4	13.0 ± 0.3	11000	30%
ENT290180150	29.0 ± 0.5	18.0 ± 0.4	15.0 ± 0.3	14000	30%
ENT290190150	29.0 ± 0.5	19.0 ± 0.4	15.0 ± 0.3	12000	30%
ENT310180140	31.0 ± 0.5	18.0 ± 0.5	14.0 ± 0.4	14000	30%
ENT310190130	31.0 ± 0.5	19.0 ± 0.5	13.0 ± 0.4	12700	30%
ENT310190150	31.0 ± 0.5	19.0 ± 0.5	15.0 ± 0.4	13600	30%
ENT310200150	31.0 ± 0.5	20.0 ± 0.4	15.0 ± 0.4	12000	30%
ENT340218210	34.0 ± 0.6	21.8 ± 0.6	21.4 ± 0.4	18360	30%
ENT360230150	36.0 ± 0.5	23.0 ± 0.5	15.0 ± 0.4	13500	30%
ENT370230150	37.0 ± 0.5	23.0 ± 0.5	15.0 ± 0.4	14000	30%
ENT380190130	38.0 ± 0.5	19.0 ± 0.5	13.0 ± 0.4	17300	30%
ENT380190150	38.0 ± 0.5	19.0 ± 0.5	15.0 ± 0.4	20000	30%
ENT380190210	38.0 ± 0.5	19.0 ± 0.5	21.0 ± 0.4	28000	30%
ENT380205150	38.0 ± 0.5	20.5 ± 0.5	15.0 ± 0.4	18000	30%
ENT380220150	38.0 ± 0.5	22.0 ± 0.5	15.0 ± 0.4	16000	30%
ENT380250150	38.0 ± 0.5	25.0 ± 0.5	15.0 ± 0.4	12380	30%
ENT400230200	40.0 ± 0.8	23.0 ± 0.6	20.0 ± 0.5	21500	30%
ENT400250200	40.0 ± 0.8	25.0 ± 0.6	20.0 ± 0.5	18450	30%
ENT420260180	42.0 ± 0.8	26.0 ± 0.6	18.0 ± 0.6	16941	30%
ENT450300150	45.0 ± 0.8	30.0 ± 0.6	15.0 ± 0.4	12000	30%
ENT470270150	47.0 ± 0.8	27.0 ± 0.6	15.0 ± 0.4	16210	30%
ENT480300100	48.0 ± 1.0	30.0 ± 0.5	10.0 ± 0.3	9230	30%
ENT480300150	48.0 ± 1.0	30.0 ± 0.5	15.0 ± 0.4	14000	30%
ENT490310150	49.0 ± 0.6	31.0 ± 0.6	15.0 ± 0.4	13500	30%
ENT490310188	49.0 ± 0.6	31.0 ± 0.6	18.8 ± 0.4	17100	30%
ENT490318188	49.0 ± 0.6	31.8 ± 0.6	18.8 ± 0.4	17100	30%
ENT490338190	49.0 ± 0.6	33.8 ± 0.6	19.0 ± 0.3	13950	30%
ENT500250200	50.0 ± 1.0	25.0 ± 0.6	20.0 ± 0.6	26666	30%
ENT510310130	51.0 ± 1.0	31.0 ± 0.8	13.0 ± 0.4	12600	30%
ENT560320180	56.0 ± 1.0	32.0 ± 1.0	18.0 ± 0.6	19600	30%

**Mn-Zn Toroid core / ENT Series**
**.Dimensions & Characteristics**

Unit : mm

Part No.	A (mm)	B (mm)	C (mm)	AL (nH / N <sup>2</sup> )	Tolerance
ENT560360200	56.0 ± 1.0	36.0 ± 1.0	20.0 ± 0.6	17300	30%
ENT580400180	58.0 ± 1.5	40.0 ± 1.0	18.0 ± 0.6	13200	30%
ENT600380200	60.0 ± 1.5	38.0 ± 1.0	20.0 ± 0.6	17950	30%
ENT600400200	60.0 ± 1.5	40.0 ± 1.0	20.0 ± 0.6	16000	30%
ENT630380127	63.0 ± 1.5	38.0 ± 1.0	12.7 ± 0.5	12500	30%
ENT630380250	63.0 ± 1.5	38.0 ± 1.0	25.0 ± 0.8	28300	30%
ENT680440150	68.0 ± 1.5	44.0 ± 0.8	15.0 ± 0.5	12800	30%
ENT740400130	74.0 ± 1.5	40.0 ± 1.0	13.0 ± 0.4	15500	30%
ENT800500200	80.0 ± 1.5	50.0 ± 1.0	20.0 ± 0.8	18000	30%
ENT870540140	87.0 ± 2.0	54.0 ± 2.0	14.0 ± 0.5	13000	30%
ENT870540300	87.0 ± 2.0	54.0 ± 2.0	30.0 ± 1.0	28000	30%

**Note :**

Specifications which provide more details for the proper and safe use of the described product are available upon request. all specifications are subject to change without notice.