

CUSTOMER APPROVAL SHEET

CUSTOMER :

CUSTOMER'S DWG NO :

CUSTOMER'S ITEM :

OUR DWG No :

OUR ITEM : RI Core Series

QUANTITY : PCS

DATE : 2017/12/22

SPECIFICATION

	“ ✓ ”	CUSTOMER'S SIGNATURE	NOTE
FULL APPROVAL			
CONDITIONAL APPROVED			
REJECTED			

DRAWN BY	CHECKED BY	APPROVED BY

Head office

聯磁企業股份有限公司

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. Revision History

[illegible]

EMI Cores / RI type

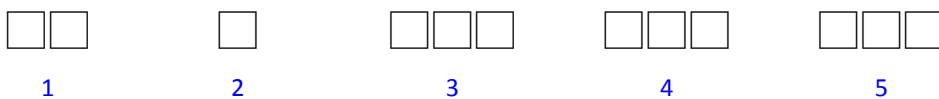
.Features

Minimal effect on transmission waveforms. Provide low cost noise countermeasures right at the data lines.
Can be added as First-Aid, On-The Spot countermeasures when equipment or devices fail.

.Application

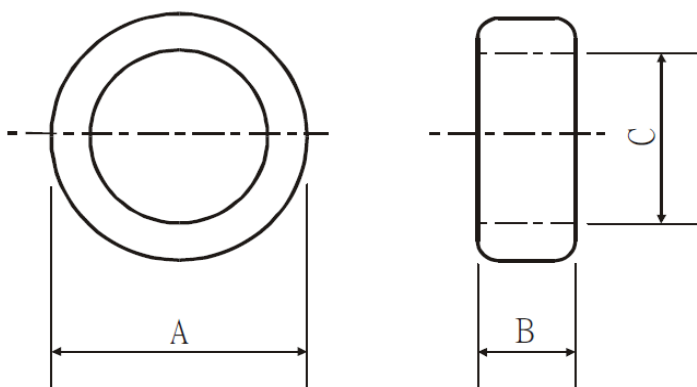
Computers, peripherals and terminals data, Terminal equipment. NC machines.
Measuring equipment, equipment using sensors. OA equipment, Plain paper copiers.
Improvement of noise immunity for TVs, FM/AM Tuners, VTRs/VCRs. Harness noise countermeasures for automobiles. ISDN terminal equipment.

.Product Identification



Series name	Type Code	Outer Diameter		Height		Inner Diameter	
A8	H	016	1.6	050	5	008	0.8
		024	2.4	025	2.5	013	1.3
		025	2.5	030	3	008	0.8
		028	2.8	037	3.7	016	1.6

.Shapes



.Dimensions & Characteristics

Unit : mm

Part No.	A (mm)	B (mm)	C (mm)	Impedance (Ω) min.	
				25 MHz	100 MHz
A8I035013016	3.5 ± 0.3	1.3 ± 0.3	1.65 ± 0.3		15
A8I035013018	3.5 ± 0.2	1.3 ± 0.25	1.8 ± 0.2	6	20
A8I035020015	3.5 ± 0.2	2 ± 0.2	1.5 ± 0.15	10	25
A8I040015020	4 ± 0.3	1.5 ± 0.3	2 ± 0.3		20
A8I040020020	4 ± 0.3	2 ± 0.2	2 ± 0.2	10	25
A8I045035015	4.5 ± 0.2	3.5 ± 0.2	1.5 ± 0.15	70	100
A8I050048023	5.08 ± 0.2	4.8 ± 0.3	2.36 ± 0.15	310	490
A8I060030030	6 ± 0.3	3 ± 0.3	3 ± 0.3	12	30

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Part No.	A (mm)	B (mm)	C (mm)	Impedance (Ω) min.	
				25 MHz	100 MHz
A8I070040035	7 ± 0.2	4 ± 0.3	3.5 ± 0.2	15	45
A8I095048047	9.5 ± 0.3	4.8 ± 0.3	4.75 ± 0.2		30
A8I095048050	9.53 ± 0.3	4.8 ± 0.3	5.02 ± 0.25		30
A8I095050050	9.5 ± 0.3	5 ± 0.3	5 ± 0.3	20	35
A8I096050050	9.65 ± 0.3	5.05 ± 0.3	5 ± 0.25	21	43
A8I100040060	10 ± 0.4	4 ± 0.3	6 ± 0.3	12	30
A8I100050050	10 ± 0.3	5 ± 0.3	5 ± 0.25	25	55
A8I100050060	10 ± 0.4	5 ± 0.2	6 ± 0.25	15	45
A8I100050070	10 ± 0.3	5 ± 0.3	7 ± 0.3	15	40
A8I120040060	12 ± 0.4	4 ± 0.3	6 ± 0.3	20	55
A8I120055070	12 ± 0.3	5.5 ± 0.3	7 ± 0.3	15	40
A8I120060060	12 ± 0.4	6 ± 0.3	6 ± 0.3	30	75
A8I127047079	12.7 ± 0.4	4.7 ± 0.3	7.9 ± 0.3	10	40
A8I127063079	12.7 ± 0.3	6.35 ± 0.3	7.9 ± 0.3	21	42
A8I130030070	13 ± 0.3	3 ± 0.2	7 ± 0.3	15	30
A8I130127080	13 ± 0.3	12.7 ± 0.3	8 ± 0.3		30
A8I140050084	14 ± 0.4	5 ± 0.3	8.4 ± 0.4	15	45
A8I140055100	14 ± 0.4	5.5 ± 0.3	10 ± 0.3	12	40
A8I140070080	14 ± 0.4	7 ± 0.3	8 ± 0.3	25	55
A8I140070087	14 ± 0.4	7 ± 0.3	8.7 ± 0.3	25	45
A8I142055083	14.2 ± 0.4	5.5 ± 0.3	8.3 ± 0.3	20	60
A8I142060045	14.2 ± 0.4	6 ± 0.3	4.5 ± 0.4	35	85
A8I142138063	14.2 ± 0.4	13.8 ± 0.4	6.35 ± 0.3	60	100
A8I145080105	14.5 ± 0.4	8 ± 0.3	10.5 ± 0.4	15	45
A8I157043100	15.7 ± 0.4	4.3 ± 0.3	10 ± 0.4	15	35
A8I158080095	15.8 ± 0.4	8 ± 0.5	9.5 ± 0.4	25	50
A8I159143079	15.9 ± 0.4	14.3 ± 0.4	7.9 ± 0.3	60	100
A8I160130080	16 ± 0.4	13 ± 0.4	8 ± 0.3	45	90
A8I165130082	16.5 ± 0.4	13 ± 0.4	8.2 ± 0.3	45	100
A8I175127095	17.5 ± 0.4	12.7 ± 0.4	9.5 ± 0.3	45	70
A8I183100100	18.3 ± 0.5	10 ± 0.4	10 ± 0.4	30	80
A8I184120096	18.4 ± 0.5	12 ± 0.4	9.6 ± 0.3	45	80
A8I184150095	18.4 ± 0.5	15 ± 0.4	9.5 ± 0.3	50	85

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Part No.	A (mm)	B (mm)	C (mm)	Impedance (Ω) min.	
				25 MHz	100 MHz
A8I187170102	18.7 $\pm$ 0.5	17 $\pm$ 0.4	10.2 $\pm$ 0.4	45	80
A8I200100100	20 $\pm$ 0.6	10 $\pm$ 0.4	10 $\pm$ 0.4	40	75
A8I207140120	20.7 $\pm$ 0.6	14 $\pm$ 0.4	12 $\pm$ 0.4	140	250
A8I210120132	21 $\pm$ 0.6	12 $\pm$ 0.4	13.2 $\pm$ 0.4	30	65
A8I210120150	21 $\pm$ 0.6	12 $\pm$ 0.4	15 $\pm$ 0.5	25	50
A8I212060127	21.2 $\pm$ 0.5	6 $\pm$ 0.3	12.7 $\pm$ 0.3	25	75
A8I220080135	22 $\pm$ 0.6	8 $\pm$ 0.3	13.5 $\pm$ 0.4	30	60
A8I220080140	22 $\pm$ 0.6	8 $\pm$ 0.3	14 $\pm$ 0.4	30	60
A8I225064138	22.5 $\pm$ 0.6	6.4 $\pm$ 0.3	13.8 $\pm$ 0.4	15	45
A8I225128138	22.5 $\pm$ 0.6	12.8 $\pm$ 0.4	13.8 $\pm$ 0.4	40	80
A8I230140110	23 $\pm$ 0.6	14 $\pm$ 0.4	11 $\pm$ 0.4	60	110
A8I230055138	23 $\pm$ 0.6	5.5 $\pm$ 0.3	13.8 $\pm$ 0.4	17	34
A8I230063135	23 $\pm$ 0.6	6.35 $\pm$ 0.3	13.5 $\pm$ 0.4	15	45
A8I240110140	24 $\pm$ 0.6	11 $\pm$ 0.4	14 $\pm$ 0.4	35	63
A8I240140110	24 $\pm$ 0.6	14 $\pm$ 0.4	11 $\pm$ 0.4	45	85
A8I250100150	25 $\pm$ 0.7	10 $\pm$ 0.3	15 $\pm$ 0.5	30	60
A8I250120150	25 $\pm$ 0.6	12 $\pm$ 0.4	15 $\pm$ 0.6	35	80
A8I259150160	25.9 $\pm$ 0.5	15 $\pm$ 0.4	16 $\pm$ 0.4		115
A8I263287127	26.3 $\pm$ 1.0	28.7 $\pm$ 0.8	12.7 $\pm$ 0.5		200
A8I270110145	27 $\pm$ 0.6	11 $\pm$ 0.4	14.5 $\pm$ 0.4	30	65
A8I280075160	28 $\pm$ 0.6	7.5 $\pm$ 0.3	16 $\pm$ 0.4	20	50
A8I280075180	28 $\pm$ 0.5	7.5 $\pm$ 0.3	18 $\pm$ 0.4	45	152
A8I280130160	28 $\pm$ 0.6	13 $\pm$ 0.4	16 $\pm$ 0.3	40	80
A8I290075190	29 $\pm$ 0.6	7.5 $\pm$ 0.3	19 $\pm$ 0.5	20	50
A8I290100190	29 $\pm$ 0.7	10 $\pm$ 0.3	19 $\pm$ 0.5	40	100
A8I310080190	31 $\pm$ 0.9	8 $\pm$ 0.3	19 $\pm$ 0.5	25	60
A8I315160190	31.5 $\pm$ 1.0	16 $\pm$ 0.4	19 $\pm$ 0.6		120
A8I317160190	31.75 $\pm$ 0.8	16 $\pm$ 0.4	19.05 $\pm$ 0.5	50	90
A8I317225190	31.75 $\pm$ 0.8	22.5 $\pm$ 0.6	19.05 $\pm$ 0.5	60	90
A8I356127229	35.6 $\pm$ 0.8	12.7 $\pm$ 0.4	22.9 $\pm$ 0.5	40	100
A8I356127230	35.6 $\pm$ 0.8	12.7 $\pm$ 0.4	23 $\pm$ 0.6	25	90
A8I356075254	35.6 $\pm$ 0.8	7.5 $\pm$ 0.2	25.4 $\pm$ 0.6	25	90
A8I360160250	36 $\pm$ 1	16 $\pm$ 0.5	25 $\pm$ 0.8	30	80

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Part No.	A (mm)	B (mm)	C (mm)	Impedance (Ω) min.	
				25 MHz	100 MHz
A8I406150270	40.6 $\pm$ 1	15 $\pm$ 0.4	27 $\pm$ 0.6	35	85
A8I406150275	40.6 $\pm$ 1	15 $\pm$ 0.4	27.5 $\pm$ 0.6	35	85
A8I475150295	47.5 $\pm$ 1.2	15 $\pm$ 0.5	29.5 $\pm$ 0.7	40	80
A8I614128360	61.4 $\pm$ 1	12.8 $\pm$ 0.4	36 $\pm$ 0.75	45	80