

SPECIFICATION

Customer :	Item : A 2 AR 10x100	Date : 3, NOV. 06
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	Ref. No :
	Dimension
	A 9.00 ±0.30mm
	B 10.00 ±0.30mm
	C 100.00 ±2.00mm
	D1 11.00 MAX
	D2
	F
	G
	H

Electrical Requirement			
Q	MIN 200	Test Frequency	1 MHz
L(μh)	295 ± 10 %	Test Frequency	1 MHz

Test equipment : MQ-161 ,Q- METER

	Wire : 2UEW Φ0.07x5
	Winding : 60 Turns
	Material : A 2 Nickel/Zinc

REMARK :

Approved by	Checked by	Reported by	Approved by Customer
	Nancy	J. Cheng 11/3/06	

CORE CONNECTOR CO., LTD.

INSPECTION DATA

Customer				Date	3-Nov-06		
Item		AZAR10X100		Ref. No.			
Part No.				Test Frequency	1 MHz		
Test equipment		MQ-161, Q- METER		Coil Spec.	Φ0.07x5 at 60 turns		
	Q	L(μh)		DIMENSION (UNIT :mm)			
FREQ.	1 MHz	1 MHz		A	B	C	
				TH	W	L	
SPEC.	MIN	± 10 %		±0.30	±0.30	±2.00	
	200	295		9.00	10.00	100.00	
1	270	295		8.89	10.13	100.66	
2	250	298		8.83	10.15	100.65	
3	250	300		8.80	10.21	99.70	
4	250	294		8.74	10.08	100.57	
5	250	296		8.82	10.01	100.65	
6							
7							
8							
9							
10							
X							
R							

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NI-ZN MATERIAL CHARACTERISTICS

Material	UI	Working Frequency (MHz)	$\tan \delta / \mu l \times 10^{-5}$	Bms Gauss	Br Gauss	HC Oe	TC °C	ρ (n-cm)
A	550	0.1~2	2.3 (0.2 MHz)	2700	800	0.28	150	10^7
A1	200	0.4~2	5.0 (0.2 MHz)	2600	600	0.14	150	10^7
A2G	300	0.4~2	2.0 (0.4 MHz)	2700	1600	0.52	150	10^7
A3	250	0.1~6	18.0 (1 MHz)	3000	1500	0.75	200	10^7
A5	100	0.5~20	5.0 (2 MHz)	3000	1800	2.0	330	10^4
B7	750	0.1~0.7	7.0 (0.3 MHz)	2900	600	0.3	130	10^7
B8	800	0.1~0.7	6.9 (0.5 MHz)	2400	850	0.3	140	10^7
B10	1000	0.01~0.5	2.0 (0.1 MHz)	2900	900	0.35	100	10^7
B12	1200	0.01~0.5	2.1 (0.1 MHz)	2900	900	0.3	100	10^7
B15	1500	0.01~0.5	6 (0.1 MHz)	2800	600	0.2	100	10^7
B18	1800	0.01~0.5	2.5 (0.1 MHz)	2900	700	0.16	100	10^7
B30	3000	0.01~0.5	2.0 (0.1 MHz)	2800	650	0.08	100	10^7
K1	55	0.5~15	10.0 (2 MHz)	2800	1150	3.6	300	10^7
K2	70	0.5~15	10.0 (2 MHz)	2900	2200	3.48	300	10^7
K3	10	10~150	40.0 (10 MHz)	1400	500	16.9	300	10^7
DB3	300	0.1~2	4.0 (0.4 MHz)	2900	1500	0.56	180	10^7
N9D	50	0.5~50	18 (2 MHz)	3100	2250	6.6	300	10^7