

DRWW-(3)

SHAPES

Fig1 DR3W Type

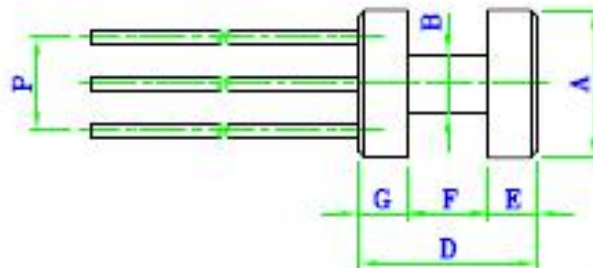
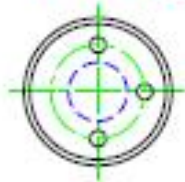


Fig2 DR4W Type

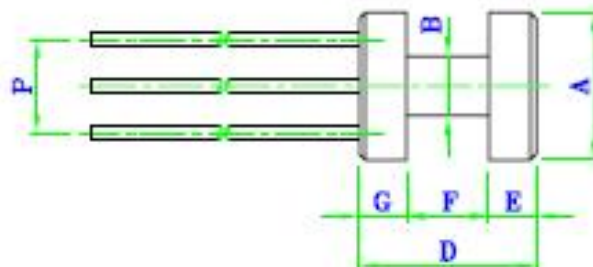
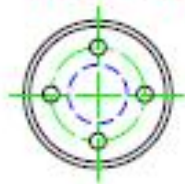
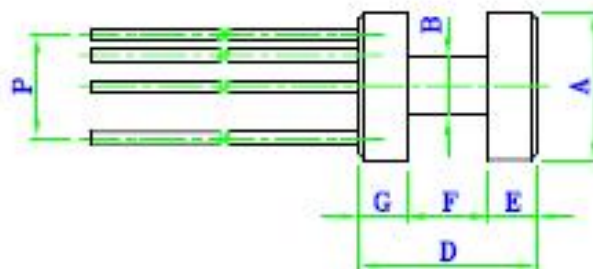


Fig3 DR5W Type



DIMENSIONS OF MAIN PRODUCTS (unit:mm)

ITEM	A	B	D	E	F	G	H	P	WIRE OD	Fig
DR4W 8×5 ^N	8±0.15	3±0.15	5±0.3	D-F 2	2.4±0.15	D-F 2	20 to 36		φ0.5	2
DR3W 9×6.2 ^N	9±0.15	4.2±0.15	6.2±0.2		3.2±0.15					1
DR3W 9×12 ^N	9±0.15	3.8±0.15	12±0.4		6.5±0.15					1
DR4W 10×9 ^N	10±0.2	5±0.15	9±0.3		4.2±0.15					2
DR3W 10×10 ^N	10±0.2	4.25±0.15	10±0.4		5.2±0.15					1
DR5W 10×9 ^N	10±0.2	5±0.15	9±0.3		4.2±0.15					3
DR4W 10×16 ^N	10±0.2	6±0.15	16±0.5		10.5±0.2					2
DR3W 14×15 ^N	14±0.2	6.5±0.2	15±0.5		9±0.2					1



YENG TAT ELECTRONICS CO.,LTD.

PROPERTIES OF Mn-Zn FERRITE MATERIAL (LEAD FREE)

Property Material	μ_i	Working Frequenc MHZ	Bm Gauss	Br Gauss	Hc Oe	Tc ℃	$\alpha \mu \gamma$ $\times 10^{-4}/\text{℃}$	$T_{50} \delta / \mu_i$ $\times 10^3 \mu_i$	d g/cm ³	ρ Ω cm
J1M	700	<2.0	3800	3000	0.30	170	20	160	4.7	200
J1L	850	<1.5	3800	3000	0.40	170	15	110	4.8	200
J1K	1000	<1.5	4300	3300	0.45	200	30	140	4.8	400
J1H	1300	<1.0	4900	2500	0.35	240	15	780	4.7	250
J2L	1500	<1.0	4900	2700	0.30	200	20	130	4.7	350
JF3	1500	<1.0	5000	2950	0.6	290	5	8	4.8	1000
J2M	2000	<0.5	5100	1300	0.12	220	6	8	4.9	600
JP40	2300	<0.4	5000	1200	0.12	210	8	5	4.8	500
JP44	2500	<0.4	5200	1750	0.18	220	6	5	4.8	600
JP30	2500	<0.4	5000	1400	0.12	220	6	5	4.8	400
J2	2800	<0.4	4800	1400	0.15	200	4	10	4.8	300
J3M	3500	<0.2	4600	1350	0.18	180	1.5	8	4.8	30
J3	3500	<0.2	4000	1300	0.1	130	1.5	15	4.8	25
J3H	4000	<0.15	4600	1600	0.18	160	1.5	15	4.8	20
J4	4500	<0.1	4000	1250	0.08	120	1.5	15	4.8	20
J5	5500	<0.1	4000	1250	0.08	110	1.5	20	4.9	15
J55	5500	<0.1	5000	1250	0.08	150	1.5	20	4.9	15
J6	6000	<0.1	4200	1250	0.08	110	1	20	4.9	15
J7	7500	<0.1	4000	1250	0.07	110	0.6	25	4.9	10
J9	8500	<0.1	3900	1100	0.06	110	0.5	25	4.9	10
J10	10000	<0.05	4300	1950	0.10	120	0.1	40	4.8	10

Core Loss

Material			JF3	JP44	JP40	JP30	J2	J2M	
Pcv(kw/m ³)	200mT	25KHz	25℃		100	120	125	140	135
			60℃		68	80	85	120	100
			100℃		*48	70	100	170	120
			120℃		85	85			
		100KHz	25℃		600	630	700	750	780
			60℃		410	500	500	650	620
			100℃		*320	430	600	950	750
			120℃		540	510			
	50mT	500KHz	25℃	238					
			60℃	142					
			80℃	155					
			100℃	190					
	25mT	1MHz	25℃	120					
			60℃	115					
			80℃	155					
			100℃	180					

* TEST TEMPERATURE 90℃



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