

绕线塑封电感 GDNL 型系列

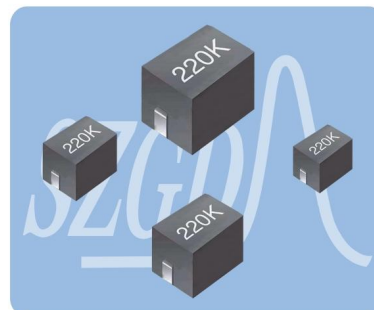
Wire Wound Plastic Seal Inductors GDNL Series

特征 FEATURES

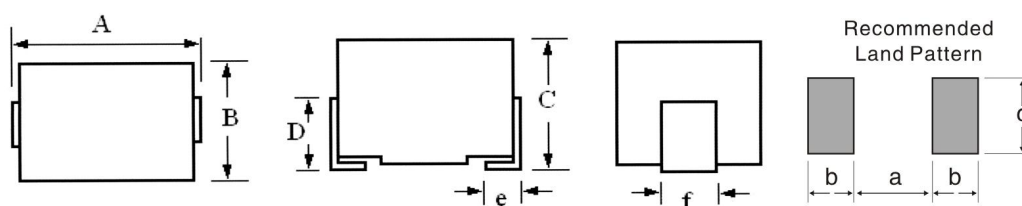
- ◆ 本产品电极引脚表面采用无铅镀层；
- ◆ 产品使用的金属引脚电极，具有可靠的连接性能
- ◆ 具有很高的抗热抗湿性、抗机械振动和挤压
- ◆ 对于无铅化回流焊接条件，具有高度的耐热性

用途 APPLICATIONS

- ◆ 可用于计算机、电源、通讯设备、仪器仪表、电视音响等领域的电子电路中。



外观尺寸 Extrenal Dimension



Unit: mm

Series	A	B	C	D	e	f	Htyp	ltyp	Jtyp
GDNL 3225	3.2 ± 0.4	2.5 ± 0.2	2.2 ± 0.2	1.2 ± 0.2	0.6 ± 0.2	1.0 ± 0.2	1.4	1.0	1.8
GDNL 4532	4.5 ± 0.4	3.2 ± 0.2	1.7 ± 0.2	1.0 ± 0.2	1.2 ± 0.2	1.2 ± 0.2	1.6	1.5	2.2

规格命名 SPECIFICATION NAMED

GDNL 3225 — □□□ M T F
① ② ③ ④ ⑤ ⑥

- ① 类型：GDNL 型绕线塑封电感器
- ② 外形尺寸：长*宽
- ③ 标称电感量：R47-0.47 μ H、150-15 μ H、151-150 μ H、152-1500 μ H、
- ④ 公差：J- $\pm 5\%$ 、k- $\pm 10\%$ 、M- $\pm 20\%$
- ⑤ 包装：T-编带 / 盘装
- ⑥ 无铅环保标识 Lead Free

规格特性 SPECIFICATIONS

GDNL 3225 系列

产品规格型号 Part Number	电感值 Inductance (μ H)	电感允差 Inductance	Q 值 min.	测试频率 Test frequency L.q(MHz)	自谐频率 Self-resonant frequency (MHz)min.	直流电阻 DC resistance (Ω)max.	额定电阻 Rated current. (mA)max.
GDNL3225-R10MTF	0.10	$\pm 20, \pm 10\%$	28	25.20	700	0.44	450
GDNL3225-R12MTF	0.12	$\pm 20, \pm 10\%$	30	25.20	500	0.22	450
GDNL3225-R15MTF	0.15	$\pm 20, \pm 10\%$	30	25.20	450	0.25	450
GDNL3225-R18MTF	0.18	$\pm 20, \pm 10\%$	30	25.20	400	0.25	450
GDNL3225-R22MTF	0.22	$\pm 20, \pm 10\%$	30	25.20	350	0.32	450
GDNL3225-R27MTF	0.27	$\pm 20, \pm 10\%$	30	25.20	320	0.36	450
GDNL3225-R33MTF	0.33	$\pm 20, \pm 10\%$	30	25.20	300	0.40	450
GDNL3225-R39MTF	0.39	$\pm 20, \pm 10\%$	30	25.20	250	0.45	450
GDNL3225-R47MTF	0.47	$\pm 20, \pm 10\%$	30	25.20	220	0.50	450
GDNL3225-R56MTF	0.56	$\pm 20, \pm 10\%$	30	25.20	180	0.55	450
GDNL3225-R68MTF	0.68	$\pm 20, \pm 10\%$	30	25.20	160	0.60	450
GDNL3225-R82MTF	0.82	$\pm 20, \pm 10\%$	30	25.20	140	0.65	450
GDNL3225-1R0MTF	1.00	$\pm 20, \pm 10\%$	30	7.96	120	0.70	450
GDNL3225-1R2MTF	1.20	$\pm 20, \pm 10\%$	30	7.96	100	0.75	400
GDNL3225-1R5MTF	1.50	$\pm 20, \pm 10\%$	30	7.96	85	0.85	390
GDNL3225-1R8MTF	1.80	$\pm 20, \pm 10\%$	30	7.96	80	0.90	370
GDNL3225-2R2MTF	2.20	$\pm 20, \pm 10\%$	30	7.96	78	1.00	350
GDNL3225-2R7MTF	2.70	$\pm 20, \pm 10\%$	30	7.96	70	1.10	320
GDNL3225-3R3MTF	3.30	$\pm 20, \pm 10\%$	30	7.96	60	1.20	290
GDNL3225-3R9MTF	3.90	$\pm 20, \pm 10\%$	30	7.96	55	1.30	260
GDNL3225-4R7MTF	4.70	$\pm 20, \pm 10\%$	30	7.96	50	1.50	250
GDNL3225-5R6MTF	5.60	$\pm 20, \pm 10\%$	30	7.96	45	1.60	220
GDNL3225-6R8MTF	6.80	$\pm 20, \pm 10\%$	30	7.96	40	1.80	200
GDNL3225-8R2MTF	8.20	$\pm 20, \pm 10\%$	30	7.96	35	2.00	170
GDNL3225-100MTF	10.00	$\pm 20, \pm 10\%$	30	2.52	30	2.10	150
GDNL3225-120MTF	12.00	$\pm 20, \pm 10\%$	30	2.52	20	2.50	140
GDNL3225-150MTF	15.00	$\pm 20, \pm 10\%$	30	2.52	20	2.80	130
GDNL3225-180MTF	18.00	$\pm 20, \pm 10\%$	30	2.52	20	3.30	120
GDNL3225-220MTF	22.00	$\pm 20, \pm 10\%$	30	2.52	20	3.70	110
GDNL3225-270MTF	27.00	$\pm 20, \pm 10\%$	30	2.52	20	5.00	80
GDNL3225-330MTF	33.00	$\pm 20, \pm 10\%$	30	2.52	17	5.60	70
GDNL3225-390MTF	39.00	$\pm 20, \pm 10\%$	30	2.52	16	6.40	65
GDNL3225-470MTF	47.00	$\pm 20, \pm 10\%$	30	2.52	15	7.00	60
GDNL3225-560MTF	56.00	$\pm 20, \pm 10\%$	30	2.52	13	8.00	55
GDNL3225-680MTF	68.00	$\pm 20, \pm 10\%$	30	2.52	12	9.00	50
GDNL3225-820MTF	82.00	$\pm 20, \pm 10\%$	30	2.52	11	10.00	45
GDNL3225-101MTF	100.00	$\pm 20, \pm 10\%$	30	0.796	10	10.00	40

GDNL 4532 系列

产品规格型号 Part Number	电感值 Inductance (μH)	电感允差 Inductance	Q 值 min.	测试频率 Test frequency L.q(MHz)	自谐频率 Self-resonant frequency (MHz)min.	直流电阻 DC resistance (Ω)max.	额定电阻 Rated current. (mA)max.
GDNL4532-R10MTF	0.10	$\pm 10, \pm 20\%$	35	25.20	300	0.18	800
GDNL4532-R12MTF	0.12	$\pm 10, \pm 20\%$	35	25.20	280	0.20	770
GDNL4532-R15MTF	0.15	$\pm 10, \pm 20\%$	35	25.20	250	0.22	730
GDNL4532-R18MTF	0.18	$\pm 10, \pm 20\%$	35	25.20	220	0.24	700
GDNL4532-R22MTF	0.22	$\pm 10, \pm 20\%$	40	25.20	200	0.25	665
GDNL4532-R27MTF	0.27	$\pm 10, \pm 20\%$	40	25.20	180	0.26	635
GDNL4532-R33MTF	0.33	$\pm 10, \pm 20\%$	40	25.20	165	0.28	605
GDNL4532-R39MTF	0.39	$\pm 10, \pm 20\%$	40	25.20	150	0.30	575
GDNL4532-R47MTF	0.47	$\pm 10, \pm 20\%$	40	25.20	145	0.32	545
GDNL4532-R56MTF	0.56	$\pm 10, \pm 20\%$	40	25.20	140	0.36	520
GDNL4532-R68MTF	0.68	$\pm 10, \pm 20\%$	40	25.20	135	0.40	500
GDNL4532-R82MTF	0.82	$\pm 10, \pm 20\%$	40	25.20	130	0.45	475
GDNL4532-1R0MTF	1.00	$\pm 10, \pm 20\%$	50	7.96	100	0.50	450
GDNL4532-1R2MTF	1.20	$\pm 10, \pm 20\%$	50	7.96	80	0.55	430
GDNL4532-1R5MTF	1.50	$\pm 10, \pm 20\%$	50	7.96	70	0.60	410
GDNL4532-1R8MTF	1.80	$\pm 10, \pm 20\%$	50	7.96	60	0.65	390
GDNL4532-2R2MTF	2.20	$\pm 10, \pm 20\%$	50	7.96	55	0.70	380
GDNL4532-2R7MTF	2.70	$\pm 10, \pm 20\%$	50	7.96	50	0.75	370
GDNL4532-3R3MTF	3.30	$\pm 10, \pm 20\%$	50	7.96	45	0.80	355
GDNL4532-3R9MTF	3.90	$\pm 10, \pm 20\%$	50	7.96	40	0.90	330
GDNL4532-4R7MTF	4.70	$\pm 10, \pm 20\%$	50	7.96	35	1.00	315
GDNL4532-5R6MTF	5.60	$\pm 10, \pm 20\%$	50	7.96	33	1.10	300
GDNL4532-6R8MTF	6.80	$\pm 10, \pm 20\%$	50	7.96	27	1.20	285
GDNL4532-8R2MTF	8.20	$\pm 10, \pm 20\%$	50	7.96	25	1.40	270
GDNL4532-100MTF	10.00	$\pm 10, \pm 20\%$	50	2.52	20	1.60	250
GDNL4532-120MTF	12.00	$\pm 10, \pm 20\%$	50	2.52	18	2.00	225
GDNL4532-150MTF	15.00	$\pm 10, \pm 20\%$	50	2.52	17	2.50	300
GDNL4532-180MTF	18.00	$\pm 10, \pm 20\%$	50	2.52	15	2.80	190
GDNL4532-220MTF	22.00	$\pm 10, \pm 20\%$	50	2.52	13	3.20	180
GDNL4532-270MTF	27.00	$\pm 10, \pm 20\%$	50	2.52	12	3.60	170
GDNL4532-330MTF	33.00	$\pm 10, \pm 20\%$	50	2.52	11	4.00	160
GDNL4532-390MTF	39.00	$\pm 10, \pm 20\%$	50	2.52	10	4.50	150
GDNL4532-470MTF	47.00	$\pm 10, \pm 20\%$	50	2.52	10	5.00	140
GDNL4532-560MTF	56.00	$\pm 10, \pm 20\%$	50	2.52	9	5.50	135
GDNL4532-680MTF	68.00	$\pm 10, \pm 20\%$	50	2.52	9	6.00	130
GDNL4532-820MTF	82.00	$\pm 10, \pm 20\%$	50	2.52	8	7.00	120

GDNL 4532 系列

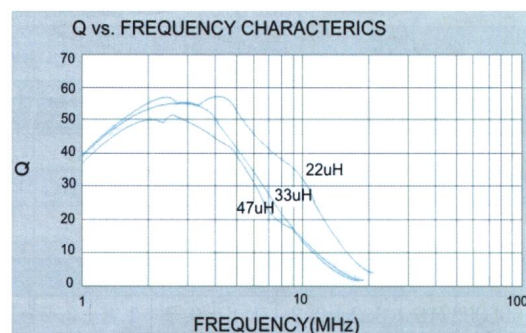
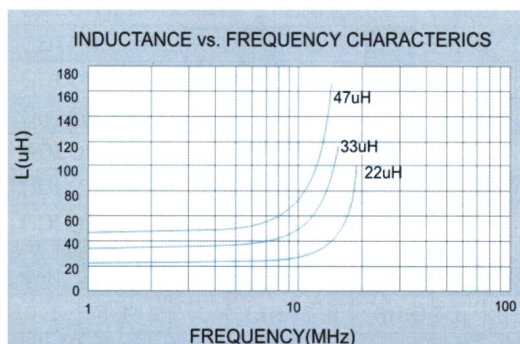
产品规格型号 Part Number	电感值 Inductance (μH)	电感公差 Inductance	Q 值 min.	测试频率 Test frequency L.q(MHz)	自谐振频率 Self-resonant frequency (MHz)min.	直流电阻 DC resistance (Ω)max.	额定电阻 Rated current. (mA)max.
GDNL4532-101MTF	100	$\pm 10, \pm 20\%$	50	0.796	8	8.00	110
GDNL4532-121MTF	120	$\pm 10, \pm 20\%$	40	0.796	6	8.00	110
GDNL4532-151MTF	150	$\pm 10, \pm 20\%$	40	0.796	5	9.00	105
GDNL4532-181MTF	180	$\pm 10, \pm 20\%$	40	0.796	5	9.50	102
GDNL4532-221MTF	220	$\pm 10, \pm 20\%$	40	0.796	4	10.00	100
GDNL4532-271MTF	270	$\pm 10, \pm 20\%$	40	0.796	4	12.00	92
GDNL4532-331MTF	330	$\pm 10, \pm 20\%$	40	0.796	3	14.00	85
GDNL4532-391MTF	390	$\pm 10, \pm 20\%$	40	0.796	3	18.00	80

备注：1、使用温度： -40 至 $\pm 105^{\circ}\text{C}$ （包括自身温度上升）

2、额定电流：施加此电流使电流值变化率比初值低30%或因身发热而温度上升 40°C 时两者中的较小值。

电气特性 TYPICAL ELECTRICAL CHARACTERISTICS

GDNL 3225 TYPE



GDNL 4532 TYPE

