

PBZ****A series

Features

- Internal silver printed layers and magnetic shielded structures to minimize crosstalk
- Can be used in a wide range of frequency (from dozens of MHz to hundreds of MHz) to suppress EMI

Applications

- Noise suppression for low speed signal of electric equipments such as computers and peripheral devices, Smart wearable device, LCD TVs communication equipments, OA equipments. etc.

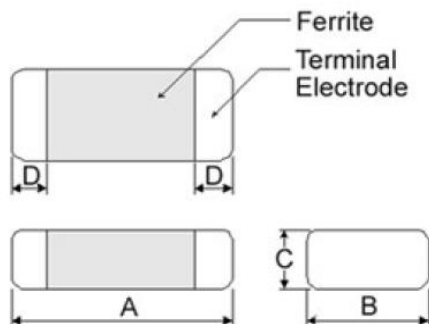
Yint P/N Information

① ② ③ ④ ⑤ ⑥ ⑦
 • PBZ 1005 A - 601 Z 0 T

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|------------------|----------------------|
| ① Product series | ⑤ Tolerance |
| ② Size | ⑥ Special code |
| ③ material code | ⑦ Taping information |
| ④ Value | |

④ Nominal Impedance [Ω]	
Example	Nominal Value [Ω]
050	5
600	60
101	100
Impedance Tolerance	
Z	$\pm 25\%$
N	$\pm 30\%$

Shape & Dimension information



Unit: mm

TYPE	A	B	C	D
1005	1.0 \pm 0.15	0.5 \pm 0.15	0.5 \pm 0.15	0.25 \pm 0.1
1608	1.6 \pm 0.20	0.8 \pm 0.20	0.8 \pm 0.20	0.30 \pm 0.2
2012	2.0 \pm 0.20	1.2 \pm 0.20	0.9 \pm 0.20	0.50 \pm 0.3
3216	3.2 \pm 0.20	1.6 \pm 0.20	0.9 \pm 0.20	0.50 \pm 0.3

PBZ****A series

Specification

Yint P/N	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Test voltage (mV)	Rated Current (mA) max.
PBZ1005A-050Z0T	5 (0~15 Ω)	100	0.05	50	500
PBZ1005A-070Z0T	7 (0~11 Ω)	100	0.05	50	500
PBZ1005A-090Z0T	9 (5~13 Ω)	100	0.05	50	500
PBZ1005A-110Z0T	11 (7~15 Ω)	100	0.05	50	500
PBZ1005A-150Z0T	15 (9~21 Ω)	100	0.05	50	500
PBZ1005A-190Z0T	19 (12~25 Ω)	100	0.10	50	300
PBZ1005A-260Z0T	26 \pm 25%	100	0.13	50	300
PBZ1005A-310Z0T	31 \pm 25%	100	0.2	50	300
PBZ1005A-360Z0T	36 \pm 25%	100	0.2	50	300
PBZ1005A-600Z0T	60 \pm 25%	100	0.3	50	200
PBZ1005A-800Z0T	80 \pm 25%	100	0.35	50	200
PBZ1005A-101Z0T	100 \pm 25%	100	0.35	50	200
PBZ1005A-121Z0T	120 \pm 25%	100	0.4	50	200
PBZ1005A-151Z0T	150 \pm 25%	100	0.47	50	200
PBZ1005A-181Z0T	180 \pm 25%	100	0.52	50	150
PBZ1005A-201Z0T	200 \pm 25%	100	0.52	50	150
PBZ1005A-221Z0T	220 \pm 25%	100	0.52	50	150
PBZ1005A-301Z0T	300 \pm 25%	100	0.65	50	100
PBZ1005A-501Z0T	500 \pm 25%	100	0.9	50	100
PBZ1005A-601Z0T	600 \pm 25%	100	1.0	50	100
PBZ1005A-801Z0T	800 \pm 25%	100	1.3	50	100
PBZ1005A-102Z0T	1000 \pm 25%	100	1.4	50	100

Specification

Yint P/N	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Test voltage (mV)	Rated current (mA)max
PBZ1608A-050Z0T	5 (0~15 Ω)	100	0.05	50	2000
PBZ1608A-070Z0T	7 (0~11 Ω)	100	0.05	50	2000
PBZ1608A-090Z0T	9 (5~13 Ω)	100	0.05	50	2000
PBZ1608A-110Z0T	11 (7~15 Ω)	100	0.05	50	2000
PBZ1608A-150Z0T	15 (9~21 Ω)	100	0.05	50	2000
PBZ1608A-190Z0T	19 (12~25 Ω)	100	0.05	50	2000
PBZ1608A-260Z0T	26 \pm 25%	100	0.05	50	2000
PBZ1608A-310Z0T	31 \pm 25%	100	0.05	50	1000
PBZ1608A-600Z0T	60 \pm 25%	100	0.15	50	400
PBZ1608A-700Z0T	70 \pm 25%	100	0.15	50	400
PBZ1608A-800Z0T	80 \pm 25%	100	0.15	50	400
PBZ1608A-101Z0T	100 \pm 25%	100	0.20	50	300
PBZ1608A-121Z0T	120 \pm 25%	100	0.20	50	300
PBZ1608A-151Z0T	150 \pm 25%	100	0.20	50	300
PBZ1608A-181Z0T	180 \pm 25%	100	0.30	50	300
PBZ1608A-221Z0T	220 \pm 25%	100	0.30	50	300
PBZ1608A-301Z0T	300 \pm 25%	100	0.35	50	200
PBZ1608A-501Z0T	500 \pm 25%	100	0.45	50	200
PBZ1608A-601Z0T	600 \pm 25%	100	0.45	50	200
PBZ1608A-801Z0T	800 \pm 25%	100	0.60	50	200
PBZ1608A-102Z0T	1000 \pm 25%	100	0.60	50	200
PBZ1608A-122Z0T	1200 \pm 25%	100	0.70	50	200
PBZ1608A-152Z0T	1500 \pm 25%	100	0.70	50	200
PBZ1608A-182Z0T	1800 \pm 25%	100	0.90	50	150
PBZ1608A-202Z0T	2000 \pm 25%	100	1.10	50	150
PBZ1608A-222Z0T	2200 \pm 25%	100	1.20	50	100
PBZ1608A-252Z0T	2500 \pm 25%	100	1.30	50	50

Specification

Yint P/N	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Test voltage (mV)	Rated current (mA)max
PBZ2012A-050Z0T	5 (0~15 Ω)	100	0.04	50	2200
PBZ2012A-070Z0T	7 (0~11 Ω)	100	0.04	50	2200
PBZ2012A-090Z0T	9 (5~13 Ω)	100	0.04	50	2200
PBZ2012A-110Z0T	11 (7~15 Ω)	100	0.04	50	2200
PBZ2012A-150Z0T	15 (9~21 Ω)	100	0.04	50	2200
PBZ2012A-190Z0T	19 (12~25 Ω)	100	0.04	50	2200
PBZ2012A-260Z0T	26 \pm 25%	100	0.05	50	1500
PBZ2012A-310Z0T	31 \pm 25%	100	0.05	50	1500
PBZ2012A-360Z0T	36 \pm 25%	100	0.05	50	1500
PBZ2012A-600Z0T	60 \pm 25%	100	0.10	50	1000
PBZ2012A-700Z0T	70 \pm 25%	100	0.10	50	1000
PBZ2012A-800Z0T	80 \pm 25%	100	0.10	50	1000
PBZ2012A-101Z0T	100 \pm 25%	100	0.15	50	800
PBZ2012A-121Z0T	120 \pm 25%	100	0.15	50	800
PBZ2012A-151Z0T	150 \pm 25%	100	0.18	50	700
PBZ2012A-181Z0T	180 \pm 25%	100	0.18	50	700
PBZ2012A-221Z0T	220 \pm 25%	100	0.20	50	600
PBZ2012A-301Z0T	300 \pm 25%	100	0.20	50	600
PBZ2012A-501Z0T	500 \pm 25%	100	0.30	50	550
PBZ2012A-601Z0T	600 \pm 25%	100	0.30	50	550
PBZ2012A-801Z0T	800 \pm 25%	100	0.35	50	500
PBZ2012A-102Z0T	1000 \pm 25%	100	0.35	50	500
PBZ2012A-122Z0T	1200 \pm 25%	100	0.40	50	500
PBZ2012A-152Z0T	1500 \pm 25%	100	0.40	50	500
PBZ2012A-202Z0T	2000 \pm 25%	100	0.45	50	500
PBZ2012A-222Z0T	2200 \pm 25%	100	0.45	50	500
PBZ2012A-252Z0T	2500 \pm 25%	100	0.50	50	400
PBZ2012A-272Z0T	2700 \pm 25%	100	0.60	50	200
PBZ2012A-302Z0T	3000 \pm 25%	100	0.60	50	200

Specification

Yint P/N	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Test voltage (mV)	Rated current (mA)max
PBZ3216A-050Z0T	5 (0~15 Ω)	100	0.05	50	2200
PBZ3216A-070Z0T	7 (0~11 Ω)	100	0.05	50	2200
PBZ3216A-090Z0T	9 (5~13 Ω)	100	0.05	50	2000
PBZ3216A-110Z0T	11 (7~15 Ω)	100	0.05	50	2000
PBZ3216A-150Z0T	15 (9~21 Ω)	100	0.05	50	2000
PBZ3216A-190Z0T	19 (12~25 Ω)	100	0.05	50	2000
PBZ3216A-260Z0T	26 \pm 25%	100	0.05	50	2000
PBZ3216A-310Z0T	31 \pm 25%	100	0.05	50	2000
PBZ3216A-600Z0T	60 \pm 25%	100	0.10	50	1000
PBZ3216A-700Z0T	70 \pm 25%	100	0.10	50	1000
PBZ3216A-800Z0T	80 \pm 25%	100	0.10	50	1000
PBZ3216A-101Z0T	100 \pm 25%	100	0.10	50	1000
PBZ3216A-121Z0T	120 \pm 25%	100	0.10	50	1000
PBZ3216A-151Z0T	150 \pm 25%	100	0.15	50	1000
PBZ3216A-181Z0T	180 \pm 25%	100	0.15	50	1000
PBZ3216A-221Z0T	220 \pm 25%	100	0.20	50	800
PBZ3216A-301Z0T	300 \pm 25%	100	0.20	50	800
PBZ3216A-501Z0T	500 \pm 25%	100	0.30	50	600
PBZ3216A-601Z0T	600 \pm 25%	100	0.30	50	600
PBZ3216A-801Z0T	800 \pm 25%	100	0.35	50	600
PBZ3216A-102Z0T	1000 \pm 25%	100	0.35	50	600
PBZ3216A-122Z0T	1200 \pm 25%	100	0.60	50	300
PBZ3216A-152Z0T	1500 \pm 25%	100	0.60	50	300
PBZ3216A-182Z0T	1800 \pm 25%	100	0.80	50	100
PBZ3216A-202Z0T	2000 \pm 25%	100	1.00	50	100
PBZ3216A-252Z0T	2500 \pm 25%	100	1.20	50	50
PBZ3216A-302Z0T	3000 \pm 25%	100	1.50	50	50

Testing Conditions:

1. All test data is base on 25 °C ambient .
2. Operating temperature range - 40 °C to + 125 °C

MPQ Information

Size	PBZ1005	PBZ1608	PBZ2012	PBZ3216
Reel	10000	4000	4000	4000