

CHIP NOISE FILTER

WNF 3Z SERIES

深圳高路瑞电子有限公司

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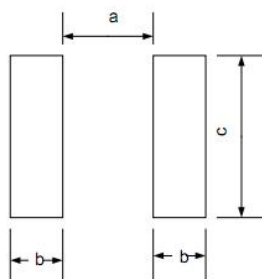
Website: www.gloryelectr.com E-mail: glory@gloryelectr.com

PRODUCT IDENTIFICATION 产品型号

WNF 3Z 2R5 S 321 T
 ① ② ③ ④ ⑤ ⑥

①Product Series	WNF	Chip Noise Filter
②Size and Material	3Z	
③internal code	2R5	
④SRF	S	Self Resonant Frequency
⑤Frequency	321	320MHz
⑥Packing	T	Tape and Reel

RECOMMENDED LAND PATTERN 推荐的焊盘尺寸



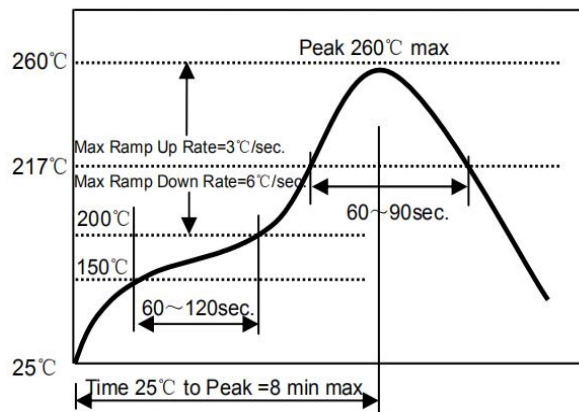
Unit:mm

TYPE	a Typ.	b Typ.	c Typ.
WNF3Z	1.5	0.8	2.7

STORAGE AND OPERATING CONDITIONS 储存及操作条件

Operating Temperature Range	-40°C~+125 °C
Storage Temperature and Humidity Range	-10°C~+40°C,70%RH max.

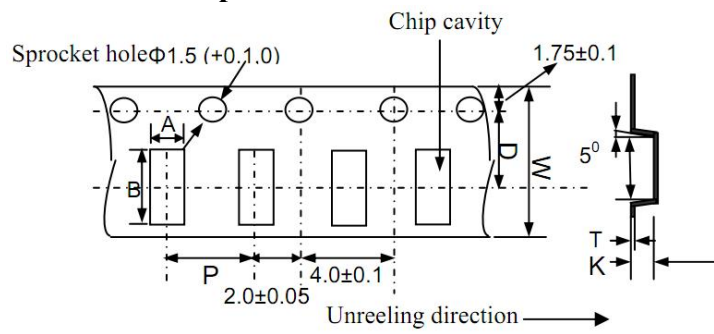
REFLOW SOLDERING 回流焊



- ① Preheat condition: 150 ~200°C/60~120sec.
- ② Allowed time above 217°C: 60~90sec.
- ③ Max temp: 260°C
- ④ Max time at max temp: 10sec.
- ⑤ Solder paste: Sn/3.0Ag/0.5Cu
- ⑥ Allowed Reflow time: 2x max

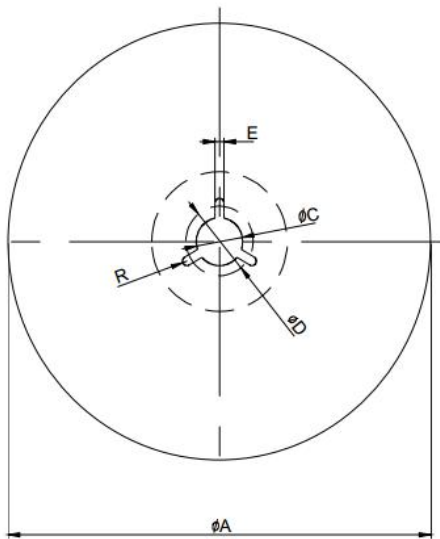
PACKING STANDARD 包装标准

◆ Embossed Tape



Type	Chip Thickness	W	A	B	D	P	K max.	T max.	Quantity (pcs/reel)
	(mm)								$\Phi 178\text{mm}$
WNF3Z	1.50	8.0	3.30	3.30	3.50	4.0	1.90	0.25	2000

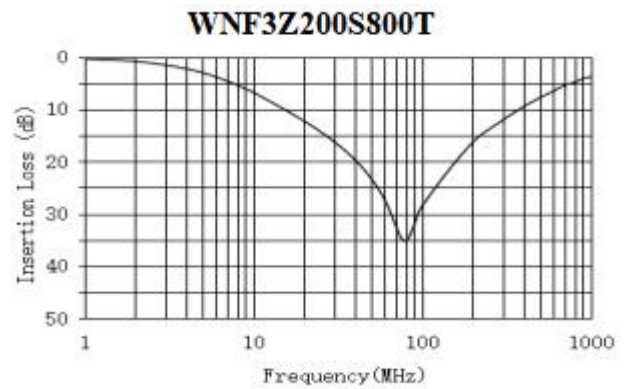
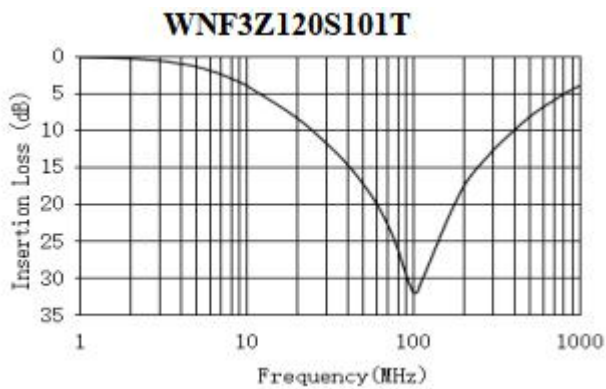
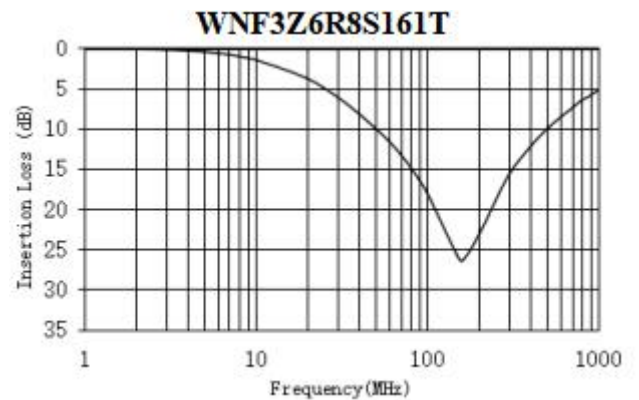
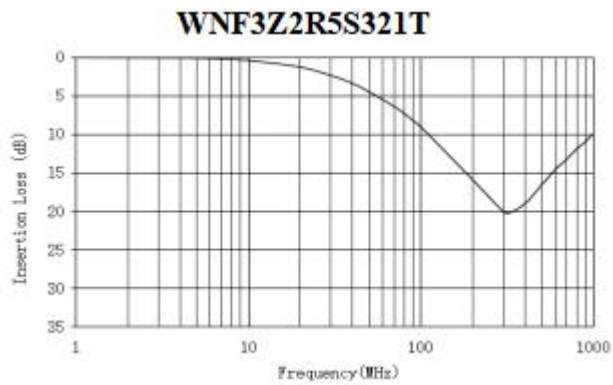
◆ Reel Dimensions

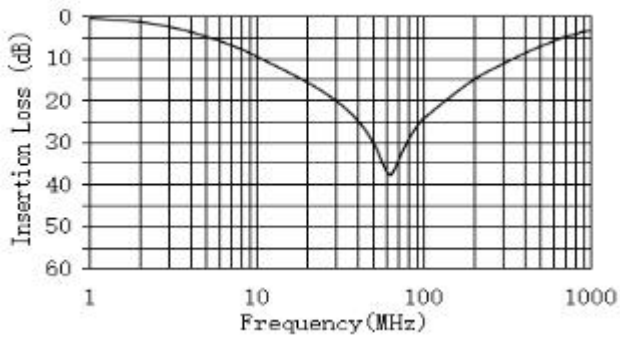
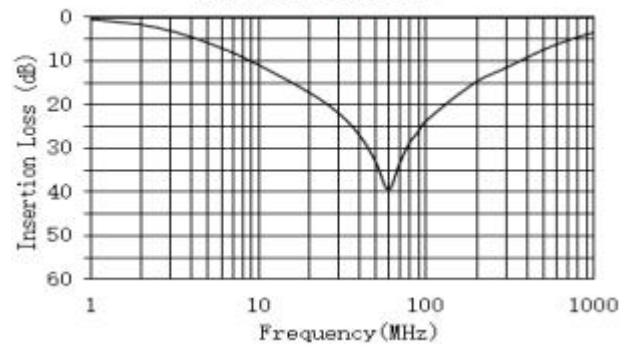
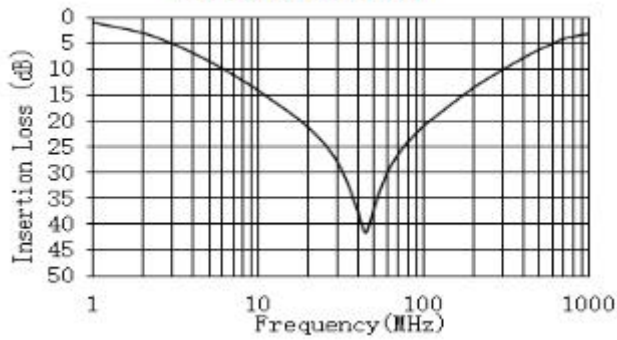
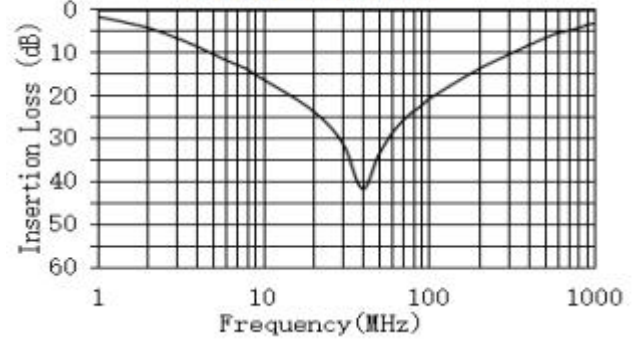
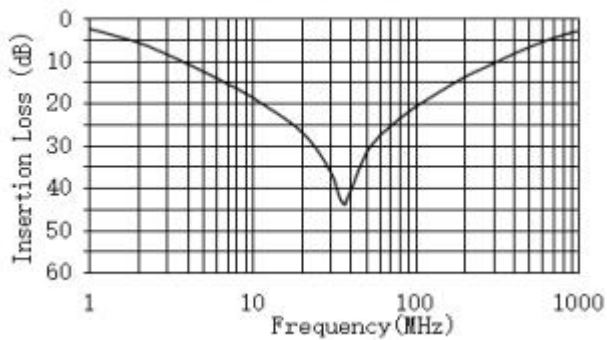
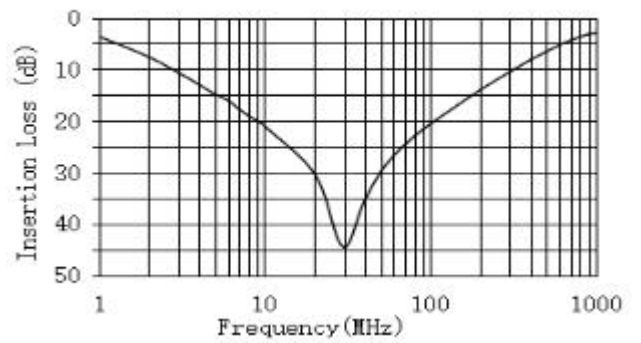
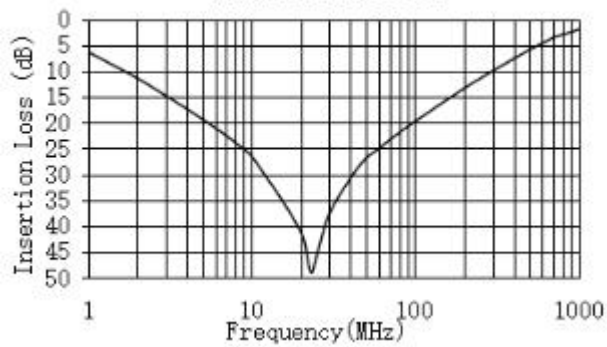


Symbol	$\phi 178\text{mm Reel}$	$\phi 330\text{mm Reel}$
A	$\phi 178 \pm 2$	$\phi 330 \pm 2$
B	$\phi 60 \pm 2$	$\phi 100 \pm 2$
C	$\phi 13 \pm 0.8$	$\phi 13 \pm 0.8$
D	$\phi 21 \pm 0.8$	$\phi 21 \pm 0.8$
E	2	2
W8	10 ± 1.5	10 ± 1.5
W12	14.5 ± 1.5	14.5 ± 1.5
W16	--	17.4(Typ.)
W24	--	24.4(Typ.)
T	2 ± 0.5	2 ± 0.5
R	1	1

SPECIFICATIONS 规格特性

Part Number	Insertion loss @1MHz	SRF	Insertion loss @SRF	DC Resistance	Rated Current
--	Ref.	Ref.	Ref.	Max	Max
Unis	dB	MHz	dB	Ω	A
WNF3Z2R5S321T	0.10	320	20.4	0.04	4.0
WNF3Z6R8S161T	0.15	160	26.5	0.05	2.5
WNF3Z120S101T	0.24	100	32.0	0.08	2.0
WNF3Z200S800T	0.37	80	35.2	0.11	1.8
WNF3Z300S650T	0.54	65	37.8	0.16	1.5
WNF3Z400S600T	0.70	60	39.6	0.26	1.2
WNF3Z500S450T	1.08	45	41.8	0.30	1.0
WNF3Z600S400T	1.71	40	42.2	0.33	1.0
WNF3Z850S370T	2.50	37	44.0	0.45	0.9
WNF3Z101S300T	3.63	30	45.9	0.60	0.7
WNF3Z181S230T	6.01	23	48.9	1.06	0.5
WNF3Z271S180T	9.22	18	49.0	1.60	0.4



WNF3Z300S650T**WNF3Z400S600T****WNF3Z500S450T****WNF3Z600S400T****WNF3Z850S370T****WNF3Z101S300T****WNF3Z181S230T****WNF3Z271S180T**