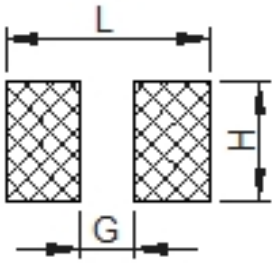
SPECIFICATION FOR APPROVAL

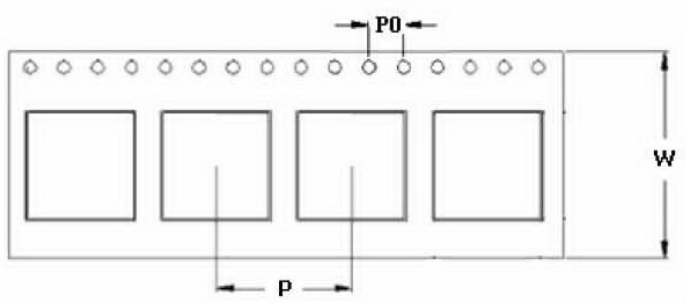
PAD LAYOUT: (UNIT: mm)



ITEM	L (Ref.)	H (Ref.)	G (Ref.)
NR2010	2.4	1.6	0.8
NR2510	2.6	2.0	0.9
NR2512	2.6	2.0	0.9
NR3015	3.1	2.7	1.4
NR4012	4.0	3.7	1.6
NR4018	4.0	3.7	1.6
NR4020	4.0	3.7	1.6
NR4026	4.0	3.7	1.6
NR4030	4.0	3.7	1.6
NR5012	5.1	4.0	2.1
NR5020	5.1	4.0	2.1
NR5030	5.1	4.0	2.1
NR5040	5.1	4.0	2.1
NR6012	6.4	5.7	2.4
NR6020	6.4	5.7	2.4
NR6028	6.4	5.7	2.4
NR6045	6.4	5.7	2.4
NR6055	6.4	5.7	2.4
NR8040	8.4	7.5	3.4
NR8050	8.4	7.5	3.4
NR8065	8.4	7.5	3.4
NR10050	13.6	11.5	8.0
NR10060	13.6	11.5	8.0

SPECIFICATION FOR APPROVAL

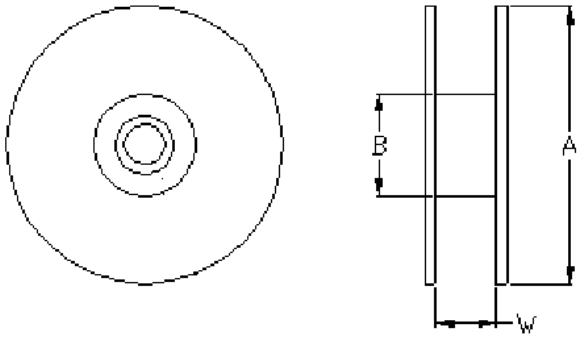
PACKAGING QUANTITY: (UNIT: mm)



TYPE	P	P0	W	BULK	PCS / REEL
NR2010	4.0 ± 0.1	4.0 ± 0.1	8.0 ± 0.2	v	2000
NR2510	4.0 ± 0.1	4.0 ± 0.1	8.0 ± 0.2	v	2000
NR2512	4.0 ± 0.1	4.0 ± 0.1	8.0 ± 0.2	v	2000
NR3015	4.0 ± 0.1	4.0 ± 0.1	8.0 ± 0.2	v	2000
NR4012	8.0 ± 0.1	4.0 ± 0.1	12.0 ± 0.3	v	4500
NR4018	8.0 ± 0.1	4.0 ± 0.1	12.0 ± 0.3	v	3000
NR4020	8.0 ± 0.1	4.0 ± 0.1	12.0 ± 0.3	v	3000
NR4026	8.0 ± 0.1	4.0 ± 0.1	12.0 ± 0.3	v	2000
NR4030	8.0 ± 0.1	4.0 ± 0.1	12.0 ± 0.3	v	2000
NR5012	8.0 ± 0.1	4.0 ± 0.1	12.0 ± 0.3	v	3000
NR5020	8.0 ± 0.1	4.0 ± 0.1	12.0 ± 0.3	v	2000
NR5030	8.0 ± 0.1	4.0 ± 0.1	12.0 ± 0.3	v	2000
NR5040	8.0 ± 0.1	4.0 ± 0.1	12.0 ± 0.3	v	1500
NR6012	8.0 ± 0.1	4.0 ± 0.1	12.0 ± 0.3	v	3000
NR6020	12.0 ± 0.1	4.0 ± 0.1	12.0 ± 0.3	v	3000
NR6028	12.0 ± 0.1	4.0 ± 0.1	12.0 ± 0.3	v	2000
NR6045	12.0 ± 0.1	4.0 ± 0.1	12.0 ± 0.3	v	1000
NR6055	12.0 ± 0.1	4.0 ± 0.1	12.0 ± 0.3	v	1000
NR8040	12.0 ± 0.1	4.0 ± 0.1	16.0 ± 0.3	v	1000
NR8050	12.0 ± 0.1	4.0 ± 0.1	16.0 ± 0.3	v	700
NR8065	12.0 ± 0.1	4.0 ± 0.1	16.0 ± 0.3	v	700
NR10050	16.0 ± 0.1	4.0 ± 0.1	24.0 ± 0.3	v	800
NR10060	16.0 ± 0.1	4.0 ± 0.1	24.0 ± 0.3	v	700

SPECIFICATION FOR APPROVAL

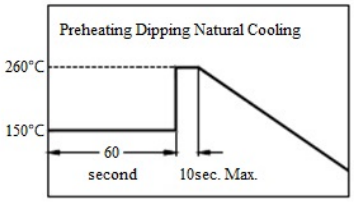
PACKAGING QUANTITY: (UNIT: mm)



TYPE	A	B	W
NR2010	180	62	8.5
NR2510	180	62	8.5
NR2512	180	62	8.5
NR3015	180	62	8.5
NR4012	330	100	12.5
NR4018	330	100	12.5
NR4020	330	100	12.5
NR4026	330	100	12.5
NR4030	330	100	12.5
NR5012	330	100	12.5
NR5020	330	100	12.5
NR5030	330	100	12.5
NR5040	330	100	12.5
NR6012	330	100	12.5
NR6020	330	100	12.5
NR6028	330	100	12.5
NR6045	330	100	12.5
NR6055	330	100	12.5
NR8040	330	100	16.5
NR8050	330	100	16.5
NR8065	330	100	16.5
NR10050	330	100	24.5
NR10060	330	100	24.5

SPECIFICATION FOR APPROVAL

RELIABILITY AND TEST CONDITIONS:

<table>
<tr><th>Item</th><th>Performance</th><th>Test Condition</th></tr>
<tr><td>Operating Temperature</td><td>-40~+125℃</td><td></td></tr>
<tr><td>Rated Current</td><td>Refer to standard electrical characteristics list.</td><td></td></tr>
<tr><td>Temperature Rise Test</td><td>40℃ max. (Δt)</td><td></td></tr>
<tr><td>Solder heat Resistance</td><td>Appearance: No significant abnormality.
Inductance change: Within ± 30%.</td><td>Preheat:150℃,60sec.
Solder : H63A
Solder tamperature:260+0-5℃
Flux: rosin
Dip time:10sec. Max.
  </td></tr>
<tr><td>Thermal shock</td><td rowspan="3">Appearance: no damage
Inductance: within±30%of initial value.</td><td>Condition for 1 cycle
Step1:-25±2℃ 30±3 min.
Step2:Room temperature 15 min.
Step3:+85±5℃ 30±3 min.
Step4:Room temperature 15 min.
Number of cycles:50
<table><tr><th>Phase</th><th>Temperature</th><th>Time(min</th></tr><tr><td>1</td><td>-25±2℃</td><td>30±3</td></tr><tr><td>2</td><td>Room Temp.</td><td>15</td></tr><tr><td>3</td><td>+85±2℃</td><td>30±3</td></tr><tr><td>4</td><td>Room Temp.</td><td>15</td></tr></table>Measured:50 times</td></tr>
<tr><td>Humidity Resistance Test</td><td>Temperature:40±2℃.
Applied current: rated current.
Duration:500 hrs.
Humidity:90~95%</td></tr>
<tr><td>High Temperature Resistance Test</td><td>Temperature:85±2℃.
Applied current: rated current.
Duration:500 hrs.</td></tr>
</table>