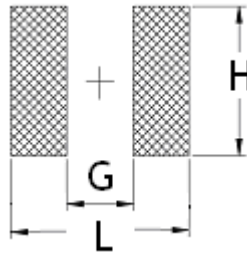


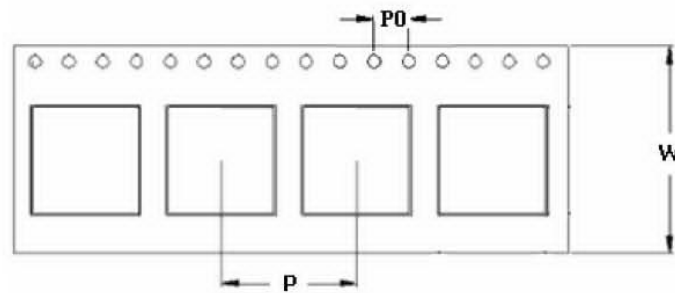
SPECIFICATION FOR APPROVAL

PAD LAYOUT: (UNIT: mm)

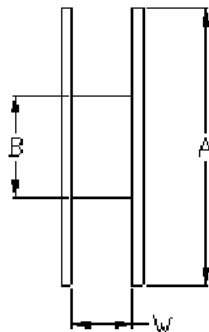
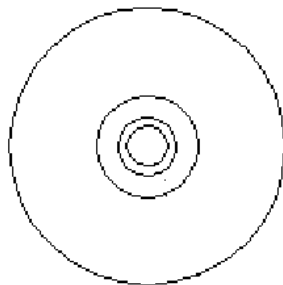


ITEM	L (Ref.)	H (Ref.)	G (Ref.)
NR2010M	2.3	1.7	0.60
NR2510M	2.6	2.1	0.80
NR2512M	2.6	2.1	0.80

PACKAGING QUANTITY: (UNIT: mm)



TYPE	P	P0	W	BULK	PCS / REEL
NR2010M	4.0 ± 0.1	4.0 ± 0.1	8.0 ± 0.2	v	3000
NR2510M	4.0 ± 0.1	4.0 ± 0.1	8.0 ± 0.2	v	3000
NR2512M	4.0 ± 0.1	4.0 ± 0.1	8.0 ± 0.2	v	3000



TYPE	A	B	W
NR2010M	180	62	8.4
NR2510M	180	62	8.4
NR2512M	180	62	8.4

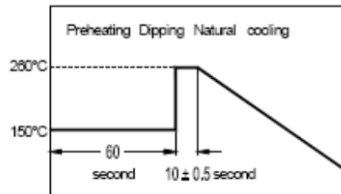
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SPECIFICATION FOR APPROVAL

RELIABILITY AND TEST CONDITIONS:

Item	Performance	Test Condition															
Operating Temperature	-40~+125℃																
Rated Current	Refer to standard electrical characteristics list.																
Temperature Rise Test	40℃ max. (Δt)																
Solder heat Resistance	Appearance: No significant abnormality. Inductance change: Within ± 30%.	Preheat:150℃,60sec. Solder : H63A Solder temperature:260+0-5℃ Flux: rosin Dip time:10±0.5sec. 															
Thermal shock	Appearance: no damage Inductance: within±30%of initial value.	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	Phase	Temperature	Time(min)	1	-25±2℃	30±3	2	Room Temp.	15	3	+85±2℃	30±3	4	Room Temp.	15
Phase		Temperature	Time(min)														
1		-25±2℃	30±3														
2	Room Temp.	15															
3	+85±2℃	30±3															
4	Room Temp.	15															
Humidity Resistance Test	Temperature:40±2℃. Applied current: rated current. Duration:500 hrs. Humidity:90~95%																
High Temperature Resistance Test	Temperature:85±2℃. Applied current: rated current. Duration:500 hrs.																

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