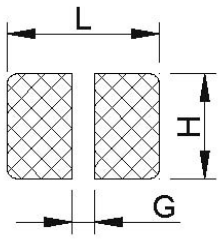
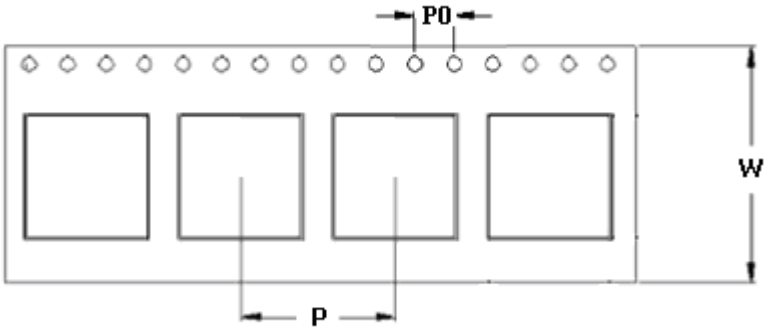
SPECIFICATION FOR APPROVAL

PAD LAYOUT: (UNIT: mm)



ITEM	L (Ref.)	G (Ref.)	H (Ref.)
SPI0603	7.0	4.0	2.2
SPI0703	7.9	4.9	2.2
SPI0705	7.9	4.9	2.2
SPI1005	10.6	5.6	3.2
SPI1206	13.6	8.6	3.2
SPI1207	13.6	8.6	3.2
SPI1208	13.6	8.6	3.2

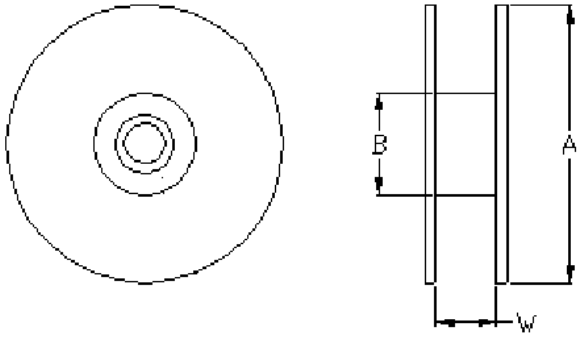
PACKAGING QUANTITY: (UNIT: mm)



TYPE	P	P0	W	BULK	PCS / REEL
SPI0603	12 ± 0.1	4.0 ± 0.1	16 ± 0.3	v	1000
SPI0703	12 ± 0.1	4.0 ± 0.1	16 ± 0.3	v	1000
SPI0705	12 ± 0.1	4.0 ± 0.1	16 ± 0.3	v	1000
SPI1005	12 ± 0.1	4.0 ± 0.1	24 ± 0.3	v	500
SPI1206	16 ± 0.1	4.0 ± 0.1	24 ± 0.3	v	500
SPI1207	16 ± 0.1	4.0 ± 0.1	24 ± 0.3	v	500
SPI1208	16 ± 0.1	4.0 ± 0.1	24 ± 0.3	v	500

SPECIFICATION FOR APPROVAL

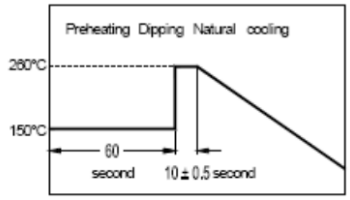
PACKAGING QUANTITY: (UNIT: mm)



TYPE	A	B	W
SPI0603	330	100	16.5
SPI0703	330	100	16.5
SPI0705	330	100	16.5
SPI1005	330	100	24.5
SPI1206	330	100	24.5
SPI1207	330	100	24.5
SPI1208	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:10±0.5sec.
  </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></td></tr>
<tr><td>Humidity Resistance Test</td><td>Measured:50 times

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>