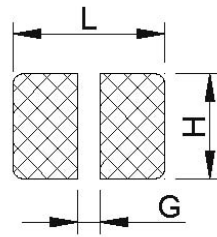


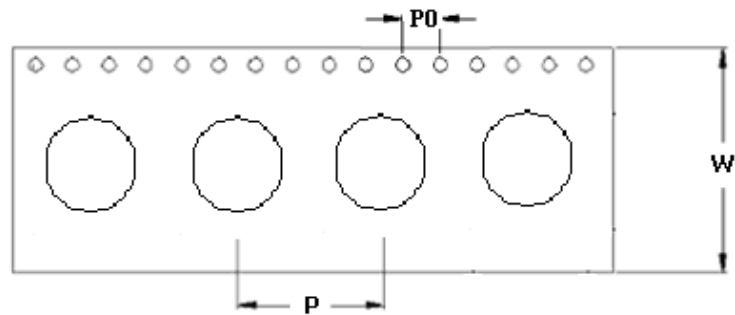
SPECIFICATION FOR APPROVAL

PAD LAYOUT: (UNIT: mm)



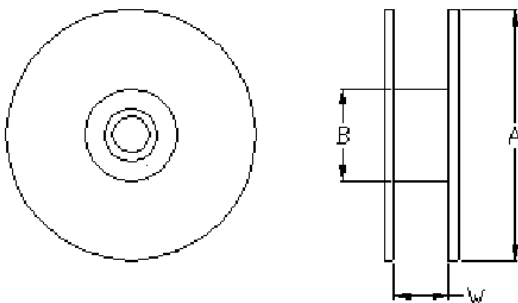
ITEM	L (Ref.)	G (Ref.)	H (Ref.)
SMI0603	6.2	1.7	5.5
SMI0705	7.8	2.4	7.5
SMI1005	10.0	3.0	9.0

PACKAGING QUANTITY: (UNIT: mm)



TYPE	P	PO	W	BULK	PCS / REEL
SMI0603	8.0 ± 0.1	4.0 ± 0.1	16.0 ± 0.3	V	1000
SMI0705	12.0 ± 0.1	4.0 ± 0.1	16.0 ± 0.3	V	1000
SMI1005	16.0 ± 0.1	4.0 ± 0.1	24.0 ± 0.3	V	750

PACKAGING QUANTITY: (UNIT: mm)



TYPE	A	B	W
SMI0603	330	100	16
SMI0705	330	100	16
SMI1005	330	100	24

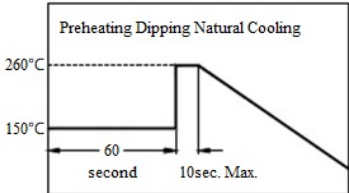


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SPECIFICATION FOR APPROVAL

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:10sec. Max. 															
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>	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	Measured:50 times 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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