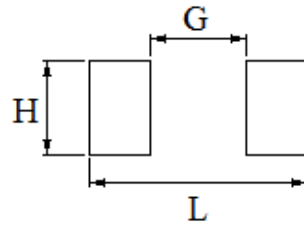


SPECIFICATION FOR APPROVAL

PAD LAYOUT: (UNIT: mm)



ITEM	L (Ref.)	G (Ref.)	H (Ref.)
SMPI04012	5.0	1.7	2.3
SMPI04015	5.0	1.7	2.3
SMPI04020	5.0	1.7	2.3
SMPI05015	6.0	2.0	2.8
SMPI05020	6.0	2.0	2.8
SMPI05030	6.0	2.0	2.8
SMPI05050	6.0	2.0	2.8
SMPI06018	8.0	3.7	3.8
SMPI06020	8.0	3.7	3.8
SMPI06024	8.0	3.7	3.8
SMPI06030	8.0	3.7	3.8
SMPI06040	8.0	3.7	3.8
SMPI06050	8.0	3.7	3.8
SMPI07050	8.8	4.0	3.8
SMPI08030	9.3	4.3	3.8
SMPI08040	9.3	4.3	3.8
SMPI08050	9.3	4.3	3.8
SMPI10030	13.0	6.0	3.8
SMPI10040	13.0	6.0	3.8
SMPI10045	13.0	6.0	3.8
SMPI10050	13.0	6.0	3.8
SMPI12035	14.5	7.8	5.0
SMPI12040	14.5	7.8	5.0
SMPI12050	14.5	7.8	5.0
SMPI12060	14.5	7.8	5.0
SMPI12065	14.5	7.8	5.0
SMPI17070	19.5	11.0	13.0
SMPI22013	24.3	11.5	20.0

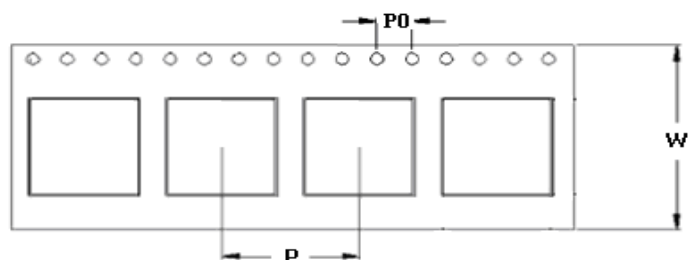


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SPECIFICATION FOR APPROVAL

PACKAGING QUANTITY: (UNIT: mm)



TYPE	P(REF)	P0(REF)	W(REF)	BULK	PCS / REEL
SMPI04012	8.0	4.0	12	v	3000
SMPI04015	8.0	4.0	12	v	3000
SMPI04020	8.0	4.0	12	v	3000
SMPI05015	8.0	4.0	12	v	3000
SMPI05020	8.0	4.0	12	v	3000
SMPI05030	8.0	4.0	12	v	2000
SMPI05050	8.0	4.0	12	v	1500
SMPI06018	12	4.0	16	v	2000
SMPI06020	12	4.0	16	v	2000
SMPI06024	12	4.0	16	v	2000
SMPI06030	12	4.0	16	v	1500
SMPI06040	12	4.0	16	v	1000
SMPI06050	12	4.0	16	v	1000
SMPI07050	12	4.0	16	v	1000
SMPI08030	12	4.0	24	v	1000
SMPI08040	12	4.0	24	v	1000
SMPI08050	12	4.0	24	v	1000
SMPI10030	16	4.0	24	v	1000
SMPI10040	16	4.0	24	v	1000
SMPI10045	16	4.0	24	v	800
SMPI10050	16	4.0	24	v	800
SMPI12035	20	4.0	24	v	500
SMPI12040	20	4.0	24	v	500
SMPI12050	20	4.0	24	v	500
SMPI12060	20	4.0	24	v	500
SMPI12065	20	4.0	24	v	400
SMPI17070	24	4.0	32	v	300
SMPI22013	32	4.0	44	v	100

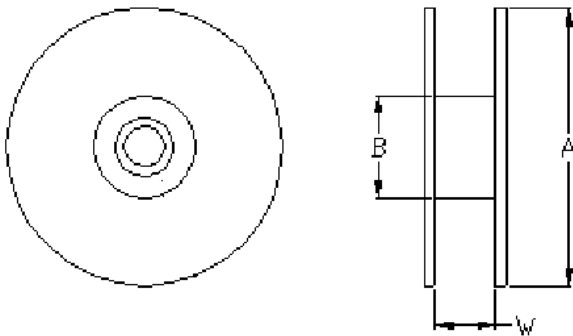


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SPECIFICATION FOR APPROVAL

PACKAGING QUANTITY: (UNIT: mm)



TYPE	A(REF)	B(REF)	W(REF)
SMPI04012	330	100	12.8
SMPI04015	330	100	12.8
SMPI04020	330	100	12.8
SMPI05015	330	100	12.8
SMPI05020	330	100	12.8
SMPI05030	330	100	12.8
SMPI05030	330	100	12.8
SMPI06018	330	100	16.8
SMPI06020	330	100	16.8
SMPI06024	330	100	16.8
SMPI06030	330	100	16.8
SMPI06040	330	100	16.8
SMPI06050	330	100	16.8
SMPI07050	330	100	16.8
SMPI08030	330	100	24.8
SMPI08040	330	100	24.8
SMPI08050	330	100	24.8
SMPI10030	330	100	24.8
SMPI10040	330	100	24.8
SMPI10045	330	100	24.8
SMPI10050	330	100	24.8
SMPI12035	330	100	24.8
SMPI12050	330	100	24.8
SMPI12060	330	100	24.8
SMPI12065	330	100	24.8
SMPI17070	330	100	32.8
SMPI22013	330	100	50.0

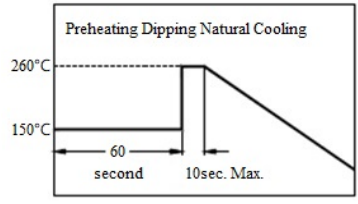


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SPECIFICATION FOR APPROVAL

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 $\pm 30\%$.	Preheat:150℃,60sec. Solder : H63A Solder temperature:260+0-5℃ Flux: rosin Dip time:10sec. Max. 															
Thermal shock		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 border="1" data-bbox="1101 974 1476 1198"> <thead> <tr> <th>Phase</th><th>Temperature(℃)</th><th>Time(min)</th></tr> </thead> <tbody> <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> </tbody> </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	Appearance: no damage Inductance: within±30%of initial value.	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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