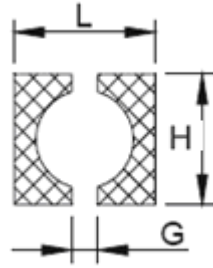


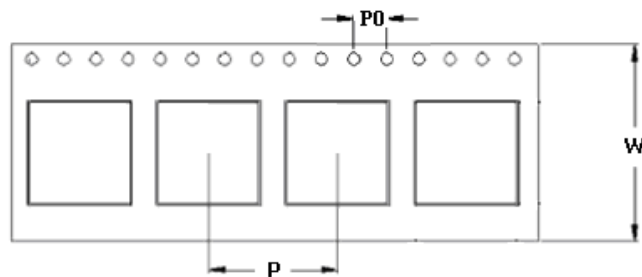
SPECIFICATION FOR APPROVAL

PAD LAYOUT: (UNIT: mm)

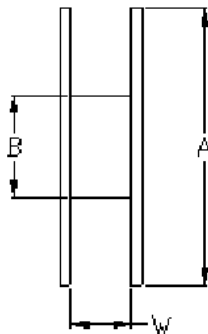
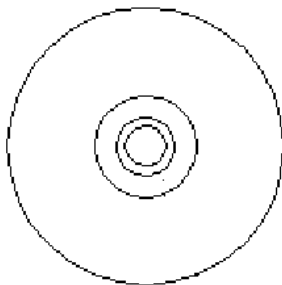


ITEM	L (Ref.)	G (Ref.)	H (Ref.)
SDR5020	5.9	1.9	5.9
SDR5030	5.9	1.9	5.9

PACKAGING QUANTITY: (UNIT: mm)



TYPE	P	P0	W	BULK	PCS / REEL
SDR5020	8 ± 0.1	4.0 ± 0.1	12 ± 0.1	v	3500
SDR5030	8 ± 0.1	4.0 ± 0.1	12 ± 0.1	v	2000



TYPE	A	B	W
SDR5020	330	100	12.5
SDR5030	330	100	12.5

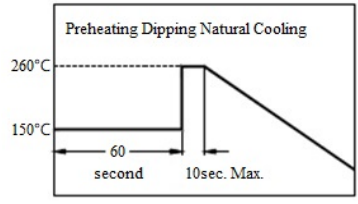


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SPECIFICATION FOR APPROVAL

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="1093 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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