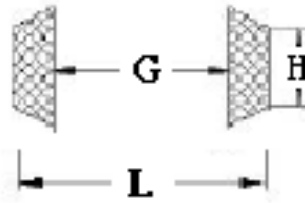


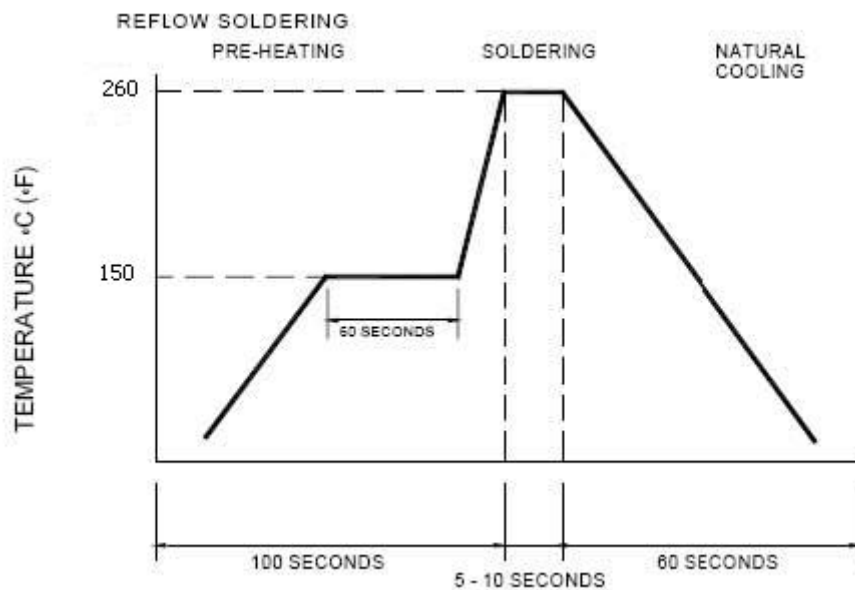
SPECIFICATION FOR APPROVAL

PAD LAYOUT: (UNIT: mm)



ITEM	L (Ref.)	G (Ref.)	H (Ref.)
CDS1704	6.6	4.9	3.8
CDS2506	9.14	7.4	5.84

SOLDERING AND MOUNTING:

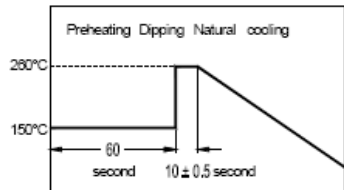


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SPECIFICATION FOR APPROVAL

RELIABILITY AND TEST CONDITIONS:

ITEM	PERFORMANCE	TEST CONDITION															
Operating Temperature	-20~+105℃																
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 ± 5 ℃ Flux: rosin Dip time: 10 ± 0.5 sec. 															
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"> <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 $\pm 30\%$ 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.															

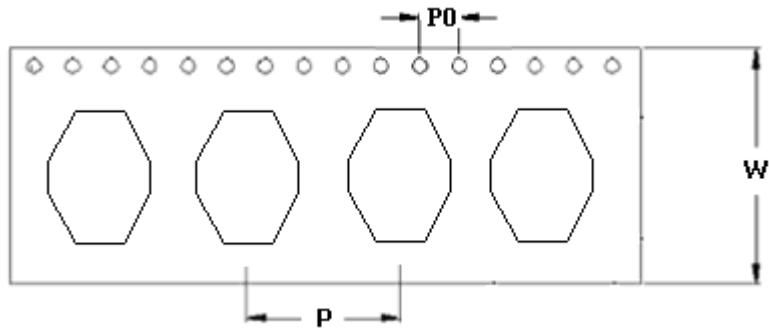


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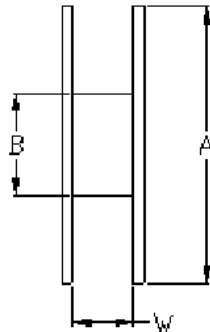
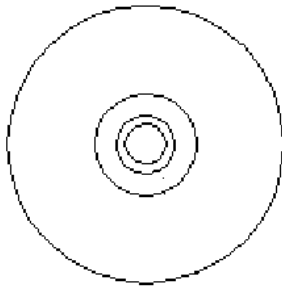
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SPECIFICATION FOR APPROVAL

PACKAGING QUANTITY: (UNIT: mm)



TYPE	P	P0	W	BULK	PCS / REEL
CDS1704	12.0 ± 0.1	4.0 ± 0.1	24.0 ± 0.3	v	2500
CDS2506	12.0 ± 0.1	4.0 ± 0.1	24.0 ± 0.3	v	2500



TYPE	A	B	W
CDS1704	178	60	16.5
CDS2506	330	100	16.5



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