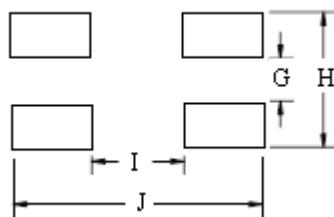


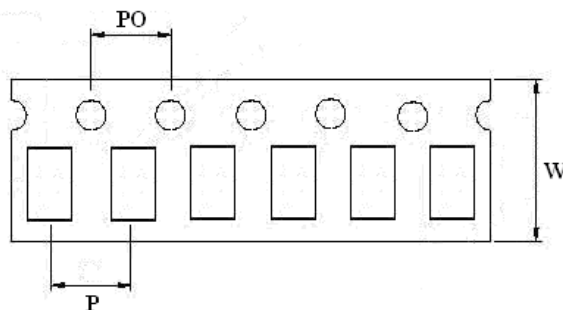
SPECIFICATION FOR APPROVAL

PAD LAYOUT: (UNIT: mm)



ITEM	G (Ref.)	H (Ref.)	I (Ref.)	J (Ref.)
WCB1210	0.60	0.45	0.30	0.45
WCB1608	0.70	0.70	0.30	0.35
WCB2012	0.45	1.25	1.10	2.60
WCB3216	0.40	1.60	1.90	3.70
WCB3225	0.80	3.50	2.30	4.40
WCB4532	0.40	3.60	2.10	4.90

PACKAGING QUANTITY: (UNIT: mm)



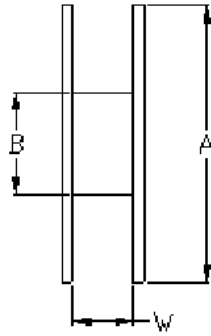
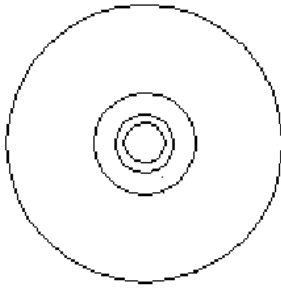
TYPE	P (Ref)	Po(Ref)	W (Ref)	PCS / REEL
WCB1210	4.0	4.0	8.0	3000
WCB1608	4.0	4.0	8.0	2000
WCB2012	4.0	4.0	8.0	2000
WCB3216	4.0	4.0	8.0	2000
WCB3225	4.0	4.0	8.0	2000
WCB4532	4.0	4.0	8.0	500

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SPECIFICATION FOR APPROVAL



TYPE	A (Ref)	B (Ref)	W (Ref)
WCB1210	178	60	9
WCB1608	178	60	9
WCB2012	178	60	9
WCB3216	178	60	9
WCB3225	178	60	9
WCB4532	178	60	9

RELIABILITY AND TEST CONDITIONS:

Item	Performance	Test Condition															
Operating Temperature	-40~+125°C																
Rated Current	Refer to standard electrical characteristics list.																
Temperature Rise Test	40°C max. (Δt)																
Solder heat Resistance	Appearance: No significant abnormality. Inductance change: Within $\pm 30\%$.	<p>Preheat: 150°C, 60sec. Solder : H63A Solder temperature: 260+0-5°C Flux: rosin Dip time: 10\pm0.5sec.</p>															
Thermal shock		<p>Condition for 1 cycle Step1: -25\pm2°C 30\pm3 min. Step2: Room temperature 15 min. Step3: +105\pm2°C 30\pm3 min. Step4: Room temperature 15 min. Number of cycles: 50</p> <table border="1"> <thead> <tr> <th>Phase</th> <th>Temperature(°C)</th> <th>Time(min)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>-25\pm2°C</td> <td>30\pm3</td> </tr> <tr> <td>2</td> <td>Room Temp.</td> <td>15</td> </tr> <tr> <td>3</td> <td>+105\pm2°C</td> <td>30\pm3</td> </tr> <tr> <td>4</td> <td>Room Temp.</td> <td>15</td> </tr> </tbody> </table>	Phase	Temperature(°C)	Time(min)	1	-25 \pm 2°C	30 \pm 3	2	Room Temp.	15	3	+105 \pm 2°C	30 \pm 3	4	Room Temp.	15
Phase	Temperature(°C)	Time(min)															
1	-25 \pm 2°C	30 \pm 3															
2	Room Temp.	15															
3	+105 \pm 2°C	30 \pm 3															
4	Room Temp.	15															
Humidity Resistance Test	Appearance: no damage Inductance: within $\pm 30\%$ of initial value.	<p>Measured: 50 times</p> <p>Temperature: 40\pm2°C. Applied current: rated current. Duration: 500 hrs. Humidity: 90~95%</p>															
High Temperature Resistance Test		<p>Temperature: 105\pm2°C. Applied current: rated current. Duration: 500 hrs.</p>															

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