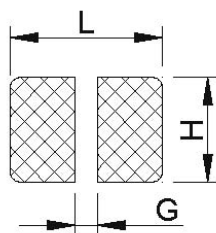


SPECIFICATION FOR APPROVAL

PAD LAYOUT: (UNIT: mm)



EM	L (Ref.)	G (Ref.)	H (Ref.)
FPI0302S	4.5	1.1	3.3
FPI0311S	4.5	1.1	3.3
FPI0315S	4.5	1.1	3.3
FPI0402S	5.5	1.5	4.5
FPI0403S	5.5	1.5	4.5
FPI0519S	6.5	1.7	5.5
FPI0502S	6.5	1.7	5.5
FPI0503S	6.5	1.7	5.5
FPI0504S	6.5	1.7	5.5
FPI0703S	8.5	2.0	7.5
FPI0705S	8.5	2.0	7.5
FPI1004S	12.5	2.5	9.5
FPI1005S	12.5	2.5	9.5
FPI1006S	12.5	2.5	9.5
FPI1008S	12.5	2.5	9.5

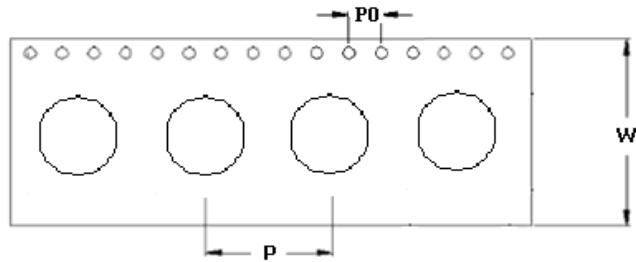
CORE MASTER ENTERPRISE CO., LTD.

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SPECIFICATION FOR APPROVAL

PACKAGING QUANTITY: (UNIT: mm)



TYPE	P	P0	W	BULK	PCS / REEL
FPI0302S	8.0 ± 0.1	4.0 ± 0.1	12.0 ± 0.3	v	3000
FPI0311S	8.0 ± 0.1	4.0 ± 0.1	12.0 ± 0.3	v	3000
FPI0315S	8.0 ± 0.1	4.0 ± 0.1	12.0 ± 0.3	v	3000
FPI0402S	8.0 ± 0.1	4.0 ± 0.1	12.0 ± 0.3	v	2000
FPI0403S	8.0 ± 0.1	4.0 ± 0.1	12.0 ± 0.3	v	2000
FPI0519S	8.0 ± 0.1	4.0 ± 0.1	12.0 ± 0.3	v	2000
FPI0502S	8.0 ± 0.1	4.0 ± 0.1	12.0 ± 0.3	v	2000
FPI0503S	8.0 ± 0.1	4.0 ± 0.1	12.0 ± 0.3	v	2000
FPI0504S	8.0 ± 0.1	4.0 ± 0.1	12.0 ± 0.3	v	1500
FPI0703S	12.0 ± 0.1	4.0 ± 0.1	16.0 ± 0.3	v	1000
FPI0705S	12.0 ± 0.1	4.0 ± 0.1	16.0 ± 0.3	v	1000
FPI1004S	16.0 ± 0.1	4.0 ± 0.1	24.0 ± 0.3	v	1000
FPI1005S	12.0 ± 0.1	4.0 ± 0.1	24.0 ± 0.3	v	500
FPI1006S	16.0 ± 0.1	4.0 ± 0.1	24.0 ± 0.3	v	500
FPI1008S	16.0 ± 0.1	4.0 ± 0.1	24.0 ± 0.3	v	400

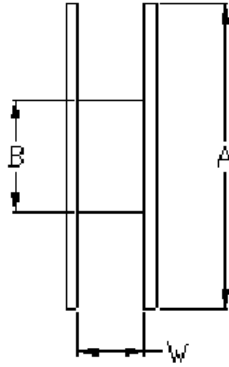
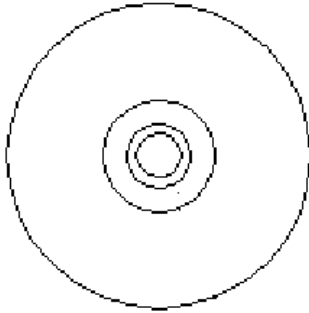
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SPECIFICATION FOR APPROVAL

PACKAGING QUANTITY: (UNIT: mm)



TYPE	A	B	W
FPI0302S	330	100	12.5
FPI0311S	330	100	12.5
FPI0315S	330	100	12.5
FPI0402S	330	100	12.5
FPI0403S	330	100	12.5
FPI0519S	330	100	12.5
FPI0502S	330	100	12.5
FPI0503S	330	100	12.5
FPI0504S	330	100	12.5
FPI0703S	330	100	16.5
FPI0705S	330	100	16.5
FPI1004S	330	100	24.5
FPI1005S	330	100	24.5
FPI1006S	330	100	24.5
FPI1008S	330	100	24.5

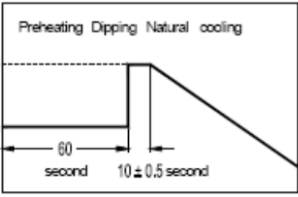
CORE MASTER ENTERPRISE CO., LTD.

<http://www.coremaster.com.tw>



SPECIFICATION FOR APPROVAL

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 $\pm 30\%$.	Preheat: 150°C, 60sec. Solder : H63A Solder temperature: 260+0-5°C Flux: rosin Dip time: 10 \pm 0.5sec. <div style="text-align: right;">  </div>															
Thermal shock		Condition for 1 cycle Step1: -25 \pm 2°C 30 \pm 3 min. Step2: Room temperature 15 min. Step3: +85 \pm 5°C 30 \pm 3 min. Step4: Room temperature 15 min. Number of cycles: 50 <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Phase</th> <th>Temperature(°C)</th> <th>Time(min)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">-25\pm2°C</td> <td style="text-align: center;">30\pm3</td> </tr> <tr> <td style="text-align: center;">2</td> <td style="text-align: center;">Room Temp.</td> <td style="text-align: center;">15</td> </tr> <tr> <td style="text-align: center;">3</td> <td style="text-align: center;">+85\pm2°C</td> <td style="text-align: center;">30\pm3</td> </tr> <tr> <td style="text-align: center;">4</td> <td style="text-align: center;">Room Temp.</td> <td style="text-align: center;">15</td> </tr> </tbody> </table>	Phase	Temperature(°C)	Time(min)	1	-25 \pm 2°C	30 \pm 3	2	Room Temp.	15	3	+85 \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	+85 \pm 2°C	30 \pm 3															
4	Room Temp.	15															
Humidity Resistance Test	Appearance: no damage Inductance: within $\pm 30\%$ of initial value.	Measured: 50 times Temperature: 40 \pm 2°C. Applied current: rated current. Duration: 500 hrs. Humidity: 90~95%															
High Temperature Resistance Test		Temperature: 85 \pm 2°C. Applied current: rated current. Duration: 500 hrs.															