



## **Conformal Coating Service**

**Do you worry about unexpected failures caused by high humidity, dust, cutting oil or chemical contaminants?**



***Let us help you!***

**You have 2 choices of coating materials.**

**Acrylic Resin**





**Urethane Acrylate**

Coating



The urethane acrylate is more protective from salt water and oil.  
Of course, the materials comply with RoHS.

# Hagiwara DIMM

		DDR3L		DDR4	
Form Factor		U-DIMM	SO-DIMM	U-DIMM	SO-DIMM
					
NON-ECC	Speed	1600MHz	1600MHz	2133/2400/2666MHz	2133/2400/2666MHz
	Capacity	2/4/8GB	2/4/8GB	4/8/16GB	4/8/16GB
ECC	Speed	1600/1866MHz	1600/1866MHz	2133/2400/3200MHz	2133/2400/3200MHz
	Capacity	2/4/8GB	2/4/8GB	4/8/16GB	4/8/16GB
Operation Temperature		0 to 85°C		0 to 85°C	
PIN		204Pin	240Pin	288Pin	260Pin

\*We offer DDR3L for 1.5V & 1.35V requirement.

## Comply With Major Standards

- ✓ **MIL-I-46058C**: Military-grade of the thermal shock test
- ✓ **UL94V-0**: Higher grade of the flame retardant

## Coating Characteristics

Coating Materials	Acrylic Resin / Solvent	Urethane Acrylate / Solvent-Less
Appearance	Transparent	Transparent
Dust resistance	+++	+++
Anti-humidity	+++	+++
Gas resistance	+++	+++
Salt water resistance	++	+++
Oil resistance	++	+++
Heat resistance *1	-40°C to 125°C	-40°C to 150°C
RoHS	Yes	Yes
Fire-resistance	UL94V-0	UL94V-0
Environmental impact (VOC regulation)	+	+++
Repairability	+++	+ *3
MIL-I-46058C *2	Yes	Yes

[+++ : excellent, ++ : good, + : average]

\*1: Temperature specification of the coating materials. \*2: Thermal shock test standards.

\*3: We cannot repair and analyze the parts on the SSDs because of the coating.