



# ***SSDs for Extreme Environment***

## ***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**

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

Coating



# SSDs You Can Choose

Form factor	3D NAND	Part Number	
		Standard	Wide Temp
2.5inch	TLC	SN2S-xxxGP**SN	SN2S-xxxGP**JI
	MLC Mode	RN2S-xxxGP**SN	RN2S-xxxGP**JI
	SLC Mode	HN2S-xxxGP**SN	HN2S-xxxGP**JI
mSATA	TLC	SNMS-xxxGP**SN	SNMS-xxxGP**JI
	MLC Mode	RNMS-xxxGP**SN	RNMS-xxxGP**JI
	SLC Mode	HNMS-xxxGP**SN	HNMS-xxxGP**JI
M.2 2242	TLC	SN4S-xxxGP**SN	SN4S-xxxGP**JI
	MLC Mode	RN4S-xxxGP**SN	RN4S-xxxGP**JI
	SLC Mode	HN4S-xxxGP**SN	HN4S-xxxGP**JI



## 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℃ to 125℃	-40℃ to 150℃
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.

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