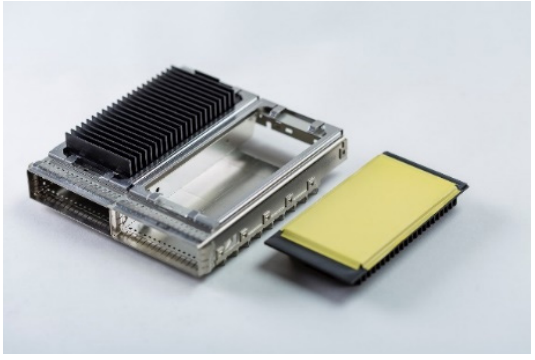
RTM-X22 Pluggable TIM

High Thermal Conductivity Phase Change Material with Multiple Pluggable Capability Honeywell RTM-X22, a pluggable thermally conductive Phase Change Material (PCM), offers multiple pluggable performance. It is designed to minimize thermal resistance at interfaces, maintain excellent performance through reliability testing and provide scalable application at a competitive cost.

Based on a novel polymer PCM system, Polyimide (PI) film was used as substrate, allowing direct contact of PCM to provide multiple pluggable performance. The edge is coated with pressure sensitive adhesive (PSA) to provide adhesion with other devices. This material exhibits excellent wetting at interfaces during typical operating temperature ranges, resulting in very low surface contact resistance.



TYPICAL APPLICATIONS

Heat Dissipation for Removable Modules in Telecom and Datacom Applications

STORAGE CONDITION

Refer to product label

Properties	Unit	Test Method	Typical Value
			RTM-X22
Thermal Impedance @ no shim	°C.cm^2/W	ASTM D5470 Modified	< 0.9
Pluggable Performance	times	/	> 50
Dielectric Breakdown Strength	V/mm	ASTM D149	> 5000
Thickness Range	mm	ASTM D374	0.16~0.26

Honeywell Electronic Materials
USA: 1-509-252-2102
China: 400-840-2233
Germany: 49-5137-999-9199
Japan: 81-3-6730-7092
Korea: 82-2-3483-5076
Singapore: 65-6580-3593
Taiwan: 886-3-6580300 ext.312
www.electronicmaterials.com

DS.0318Rev2