

KT – Z1N

KT-Z1N is a grease-type TIM with insulation, great performance, and reliability. Applicable to general industry system.

Product features:

1. Silicone and solvent free
2. Great long-term reliability
3. Low thermal impedance

Apply methods:

1. Screen-print
2. Dispense



Properties	Units	Typical value
Color		White
Specific Gravity		4.1
Viscosity	cP	<800k
Bond Line Thickness	µm	15
Low-molecular-weight siloxane content($\sum D4\sim D20$)	ppm	n.d.
Thermal Properties		
Thermal Conductivity	W/m-K	3
Thermal Impedance	K-cm ² /W	0.07
Usable Temperature	°C	-40~150
Electrical Properties		
Dielectric Strength	KV/mm	1.5