

TG4040/TG6060 PUTTY 導熱膠泥

Thermal Putty



產品特性 Features

Silicone-type spacer with great long term reliability
長期可靠度優異的含矽型導熱膠
Lower thermal resistance than thermal pads
較導熱片低的接觸熱阻
Physical property between liquid and solid state
介於液態和固態的物理特性·擁有非常低的熱阻抗
Elimination of different gap between heat source
and the heat sink 對應產品內高低不平的熱源
Can be applied with dispenser 可使用點膠機設備作業

產品應用端 Applications

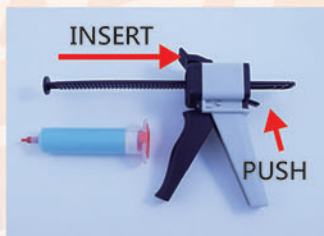
Electronic components: IC, CPU, MOS, LED, Mother Board,
Power Supply, Heat Sink, LCD-TV, Notebook, PC,
Telecom Device, Wireless Hub etc.

產品物性 Properties

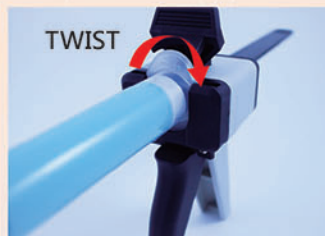


TG4040 Putty Thermal Conductivity 導熱係數 : 3.0 W/m.K
TG6060 Putty Thermal Conductivity 導熱係數 : 6.0 W/m.K

膠槍組裝說明 Operation Manual-Gel Gun



STEP1-Push the latch
and insert the stick



STEP 2-Put the tube in
and twist



STEP3-Close the cover



STEP4-Take off the plug

Reliability可靠度-Thermal Impedence 熱阻抗

Time	TG4040 Putty					TG6060 Putty				
	Initial	200 Hr	400 Hr	700 Hr	1000 Hr	Initial	200 Hr	400 Hr	700 Hr	1000 Hr
125°C Aging	0.06	0.061	0.062	0.061	0.062	0.054	0.053	0.052	0.054	0.054
160°C Aging	0.06	0.061	0.062	0.062	0.061	0.054	0.054	0.053	0.054	0.053
85°C/85% RH	0.06	0.061	0.062	0.061	0.062	0.054	0.053	0.052	0.054	0.053

Properties	TG4040 Putty	TG6060 Putty	Unit	Tolerance	Test Method
Thermal Conductivity 導熱係數	3	6	W / mK	±0.3	ASTM D5470
Color 顏色	Blue藍	Blue藍	-	-	Visual目視
Solid Content固體含量	100(one-part)	100(one-part)	%	-	-
Viscosity 0.5rpm黏性	3,000	2,500~3,000	Pa·s	-	Brookfield
Density密度	3	3.3	g / cm ³	-	ASTM D792
Volume Resistivity體積電阻率	10 ¹³	10 ¹³	Ohm·m	-	ASTM D257
Working Temp.工作溫度	-50~180	-50~180	°C	-	-
Standard package標準包裝	90g/165g/1KG	99g/181g/1KG	Tube / Pot	-	-

Need samples? 樣品需求?

TG4040 PUTTY - 50 gram

1 2

1. Choose the P/N
2. Fill the quantity you need