

Thermal RC network (Foster)

SPICE thermal model

BUK961R6-40E

	Conditions	Min	Тур	Max	Unit
thermal resistance from junction to mounting base		-	-	0.43	K/W
Cth ₁	2.727E-04 F		\triangle		
Cth ₂	1.961E-03 F			<u>''</u>	
Cth ₃	1.472E-03 F				
Cth ₄	5.515E-03 F				
Cth ₅	1.889E-02 F				
Cth ₆	3.370E-02 F				
Cth ₇	7.373E-01 F			ς • Τ	
Cth ₈	2.812E+02 F			Rth ₂ + Cth ₂	
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			l ,		
				Rth3 + Cth3	
			l		
				九二 上	
				Rth4 TCth4	
				┖-•	
Titilg	0.407 = -04 12		Ţ,		
				Rth5 + Cth5	
			l l		
				1	
				Rtn6 TCth6	
			,	_	
				Rth7 + Cth7	
			l l	₹	
BUK961R6-40E				1 _{B4b}	
0.43 K/W			_		
			\Diamond		,
				บบาลลเ/68	1
	mounting base Cth ₁ Cth ₂ Cth ₃ Cth ₄ Cth ₅ Cth ₆ Cth ₇ Cth ₈ Rth ₁ Rth ₂ Rth ₃ Rth ₄ Rth ₅ Rth ₆ Rth ₇ Rth ₈	Cth ₁ 2.727E-04 F Cth ₂ 1.961E-03 F Cth ₃ 1.472E-03 F Cth ₄ 5.515E-03 F Cth ₅ 1.889E-02 F Cth ₆ 3.370E-02 F Cth ₇ 7.373E-01 F Cth ₈ 2.812E+02 F Rth ₁ 3.269E-04 Ω Rth ₂ 6.428E-04 Ω Rth ₃ 7.505E-03 Ω Rth ₄ 1.817E-02 Ω Rth ₅ 6.176E-02 Ω Rth ₆ 2.678E-01 Ω Rth ₇ 7.287E-02 Ω Rth ₈ 6.467E-04 Ω	Cth ₁ 2.727E-04 F Cth ₂ 1.961E-03 F Cth ₃ 1.472E-03 F Cth ₄ 5.515E-03 F Cth ₆ 1.889E-02 F Cth ₆ 3.370E-02 F Cth ₇ 7.373E-01 F Cth ₈ 2.812E+02 F Rth ₁ 3.269E-04 Ω Rth ₂ 6.428E-04 Ω Rth ₃ 7.505E-03 Ω Rth ₄ 1.817E-02 Ω Rth ₆ 6.176E-02 Ω Rth ₆ 2.678E-01 Ω Rth ₇ 7.287E-02 Ω Rth ₈ 6.467E-04 Ω	Cth ₁ 2.727E-04 F Cth ₂ 1.961E-03 F Cth ₃ 1.472E-03 F Cth ₄ 5.515E-03 F Cth ₅ 1.889E-02 F Cth ₆ 3.370E-02 F Cth ₇ 7.373E-01 F Cth ₈ 2.812E+02 F Rth ₁ 3.269E-04 Ω Rth ₂ 6.428E-04 Ω Rth ₃ 7.505E-03 Ω Rth ₄ 1.817E-02 Ω Rth ₆ 6.176E-02 Ω Rth ₆ 2.678E-01 Ω Rth ₇ 7.287E-02 Ω Rth ₈ 6.467E-04 Ω	Cth, 2.727E-04 F Cth ₂ 1.961E-03 F Cth ₃ 1.472E-03 F Cth ₄ 5.515E-03 F Cth ₆ 1.889E-02 F Cth ₆ 3.370E-02 F Cth ₇ 7.373E-01 F Cth ₆ 2.812E+02 F Rth ₁ 3.269E-04 Ω Rth ₃ 7.505E-03 Ω Rth ₄ 1.817E-02 Ω Rth ₆ 6.176E-02 Ω Rth ₇ 7.287E-02 Ω Rth ₈ 6.467E-04 Ω