

Thermal RC network (Foster)

SPICE thermal model

BUK9Y3R5-40E

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
R _{th(j-mb)}	thermal resistance from junction to mounting base		-	-	0.90	K/W
	Cth₁	5.189E-05 F		∱ ┪		
	Cth ₂	3.399E-04 F	1		\neg	
	Cth ₃	3.893E-04 F			 -	
	Cth ₄	2.947E-03 F			tth1 #Cth1	
	Cth ₅	4.944E-03 F		ļ Ļ	. T ***	
	Cth ₆	1.408E-02 F				
	Cth ₇	1.666E-01 F			•	
				F	tth2 = Cth2	
				' '	-	
	Rth ₁	1.612E-03 Ω		_	-	
	Rth ₂	3.276E-03 Ω			tth3 📥 Cth3	
	Rth ₃	2.283E-02 Ω		∐"	T Cuis	
	Rth ₄	3.326E-02 Ω		_	┩	
	Rth ₅	1.806E-01 Ω			•	
	Rth ₆	5.956E-01 Ω		F	tth4 = Cth4	
	Rth ₇	6.723E-02 Ω	لے	느 보		
			(F	') –		
				广门	<u> </u>	
				"	ths ‡Cth5	
					•	
						
					the ±cth6	
				[
				F	tth7 幸 Cth7	
				'	-	
Part:	BUK9Y3R5-40E					
	A=147					
Date:	17/4/2013					
Model Rth	0.90 K/W		ı	1 4		
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