

Thermal RC network (Foster)

SPICE thermal model

BUK9M15-60E

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
R _{th(j-mb)}	thermal resistance from junction to mounting base		-	-	2.00	K/W
	Cth ₁	2.117E-05 F		Д	1	
	Cth ₂	1.868E-04 F			<u>``</u>	
	Cth ₃	2.444E-04 F				
	Cth ₄	2.967E-03 F				_
	Cth ₅	1.698E-03 F			JRth₁ 🕇 Cth	1
	Cth ₆	6.259E-03 F			—	
	Cth ₇	8.221E-02 F			_	
	Cth ₈	2.085E+02 F			Rth2 + Cth	•
				L		_
	Rth ₁	2.884E-03 Ω				
	Rth ₂	5.970E-03 Ω			九 上	
	Rth ₃	2.837E-02 Ω			Rth3 = Cth;	3
	Rth ₄	3.855E-02 Ω			┸_╇──	
	Rth ₅	5.033E-01 Ω		۔ ا		
	Rth ₆	1.154Ε+00 Ω			Rth4 + Cth	1
	Rth ₇	2.626E-01 Ω			٠. ــــــــــــــــــــــــــــــــــــ	•
	Rth ₈	3.109E-03 Ω	((P)		
				\bigvee $_{I}$	「 」	
					Rth5 + Cth	5
				'		
				_		
					Rth ₆ + Cth ₆	•
					J'''''' T '''''	•
				l r	5	
					Rth7 = Cth	7
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Part:	BUK9M15-60E				$\bigcap_{Rthe} \perp_{Cth}$	_
Data	2/2/2242				JRth8	3
Date:	3/3/2016	ı			—	
Model Rth	2.00 K/V	ı			 tb	
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					001aal768	9