

Thermal RC network (Foster)

SPICE thermal model

BUK9M12-60E

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
R _{th(j-mb)}	thermal resistance from junction to mounting base		-	-	1.89	K/W
	Cth ₁	2.419E-05 F		\triangle		
	Cth ₂	2.167E-04 F			<u>tj</u>	
	Cth ₃	3.323E-04 F				
	Cth ₄	2.213E-03 F				
	Cth ₅	3.420E-03 F			」Rth1 ‡ Cth1	
	Cth ₆	6.196E-03 F			—	
	Cth ₇	2.541E-02 F				
	Cth ₈	4.000E+01 F			Rth ₂ + Cth ₂	<u> </u>
	Rth ₁	2.335E-03 Ω				
	Rth ₂	4.887E-03 Ω			九二 上	
	Rth_3	2.084E-02 Ω			Rth3 + Cth3	}
	Rth ₄	4.805E-02 Ω				
	Rth ₅	3.344Ε-01 Ω				
	Rth ₆	1.432E+00 Ω			Rth4 + Cth4	
	Rth ₇	3.993E-02 Ω			J T S	•
	Rth ₈	7.333E-03 Ω		(P)		
				\mathcal{L}	占 一	
					Rth5 + Cth5	;
				'		
					Rth ₆ + Cth ₆	
)
				l r	5	
					Rth7 = Cth7	•
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Part:	BUK9M12-60E				$\bigcap_{Rthe} oldsymbol{\perp}_{Cthe}$	
Doto	2/2/2046				JRth8	i
Date: Model Rth	3/3/2016 1.89 K/W				_	
viouei KIII	1.09 K/VV			<u> </u>	tomb	
				\Diamond	^t amb <i>001aal768</i>	•
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