

Thermal RC network (Foster)

SPICE thermal model

PSMN3R5-25MLD

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
R _{th(j-mb)}	thermal resistance from junction to mounting base		-	-	2.32	K/W
	Cth ₁	1.709E-05 F		\triangle		
	Cth ₂	1.167E-04 F			<u>tj</u>	
	Cth ₃	1.739E-04 F				
	Cth ₄	9.214E-04 F			Rth ₁ LCth ₁	
	Cth ₅	2.288E-03 F			」Rth1 〒Cth1	
	Cth ₆	4.135E-03 F				
	Cth ₇	8.240E-02 F			ς 📩	
	Cth ₈	1.172E+02 F			Rth ₂ + Cth ₂	<u>)</u>
				L		•
	Rth ₁	3.895E-03 Ω				
	Rth ₂	8.122E-03 Ω		Г	┧ ⊥	
	Rth ₃	4.540E-02 Ω			Rth3 + Cth3	3
	Rth ₄	1.121E-01 Ω			~	
	Rth ₅	4.235E-01 Ω				
	Rth ₆	1.414E+00 Ω			Rth4 + Cth4	Ī
	Rth ₇	3.109E-01 Ω		\	J T 3	•
	Rth ₈	3.047E-03 Ω	((P)		
			`	\bigvee ,	5	
					Rth5 = Cth	;
				-	└ ╇─┘	
					Rth ₆ + Cth ₆	
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					Rth7 = Cth7	,
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art:	PSMN3R5-25MLD			[``	
	0.4.10.15 = 1. =				」Rth8 十 Cth8	3
Date:	21/3/2016					
Model Rth	2.32 K/W				 • .	
				\Diamond	t _{amb}	
					001aal768	5