

Thermal RC network (Foster)

SPICE thermal model

PSMN0R9-25YLD

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
th(j-mb)	thermal resistance from junction to mounting base		-	-	0.56	K/W
	Cth ₁	7.318E-05 F		Ŷ to		
	Cth ₂	4.791E-04 F	Г	<u> </u>	\neg	
	Cth ₃	6.083E-04 F		4		
	Cth ₄	3.238E-03 F			tth1 +Cth1	
	Cth ₅	2.142E-02 F		Ų		
	Cth ₆	1.258E-02 F			1	
	Cth ₇	1.016E+03 F		T.	•	
				F	tth2 = Cth2	
				닌	-	
	Rth ₁	1.132E-03 Ω		_	-	
	Rth ₂	2.293E-03 Ω				
	Rth ₃	1.651E-02 Ω		U"	tth3 🖶 Cth3	
	Rth_4	2.490Ε-02 Ω			┿	
	Rth ₅	5.886E-02 Ω		4		
	Rth ₆	4.562E-01 Ω			tth4 = Cth4	
	Rth ₇	6.222E-05 Ω	لر	╮ 닏		
			(P	·) =		
			T	~		
					ths = Cth5	
				ᆫ	-	
				_	-	
				R	the \pm Cth6	
				Ų.		
					1	
				4	•	
				R	tth7 📫 Cth7	
				닌	•	
art:	PSMN0R9-25YLD					
Date:	17/3/2016					
Model Rth	0.56 K/W		L	+		
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