

## Thermal RC network (Foster)

## **SPICE** thermal model

PSMN011-100YSF

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
R <sub>th(j-mb)</sub>	thermal resistance from junction to mounting base		-	-	0.99	K/W
	Cth₁	4.507E-04 F		<b>수</b> ₊.		
	Cth <sub>2</sub>	4.061E-04 F		1 t <sub>j</sub>		
	Cth <sub>3</sub>	4.956E-04 F			٦	
	Cth <sub>4</sub>	1.091E-03 F		Rth <sub>1</sub>		
	Cth <sub>5</sub>	1.086E-02 F		닌		
	Cth <sub>6</sub>	1.130E-02 F			_	
	•			T <sub>Btho</sub>	⊥ Cth <sub>2</sub>	
				U13812	T	
					_	
	Rth <sub>1</sub>	2.774E-04 Ω		Д	<u>l</u>	
	Rth <sub>2</sub>	3.124E-03 Ω		Rtn3	Cth₃	
	Rth <sub>3</sub>	2.212E-02 Ω		<del>⊺</del>	_	
	Rth <sub>4</sub>	6.669E-02 Ω		<del>_</del>	٦	
	Rth <sub>5</sub>	1.189E-01 Ω		Rth <sub>4</sub>		
	Rth <sub>6</sub>	7.788E-01 Ω		년 <b>,</b>	┙	
			(P)		٦	
				Rth <sub>5</sub>		
				닏		
					_	
				T <sub>Rthe</sub>	⊥ Cth <sub>6</sub>	
				Π	T	
					_	
Part:	PSMN011-100YSF					
				+ .		
Date:	25/4/2019			↓ t <sub>amb</sub>		
Model Rth	0.99 K/W					