

Thermal RC network (Foster)

PSMN5R5-100YSF

SPICE thermal model

Symbol	Parameter	Conditions	Min	Тур	Max	Unit	
Rth(j-mb)	thermal resistance		=	=	0.63	K/W	
	from junction to						
	mounting base						

Cth1	1.490520E-2	F	Rth1	5.202330E-1	Ω
Cth2	2.100550E-4	F	Rth2	1.410410E-2	Ω
Cth3	5.530500E-3	F	Rth3	4.747180E-2	Ω
Cth4	5.745620E-3	F	Rth4	4.750340E-2	Ω

Part Name: PSMN5R5-100YSF Date: 28 October 2020

