

Thermal RC network (Foster)

PSMNR89-25YLE

SPICE thermal model

| Symbol | Parameter | Conditions | Min | Тур | Max | Unit |
|-----------|--------------------|------------|-----|-----|------|------|
| Rth(j-mb) | thermal resistance | | = | = | 0.67 | K/W |
| | from junction to | | | | | |
| Í | mounting base | | | | | |

| Cth1 | 4.845900E-2 | F | Rth1 | 3.139690E-1 | Ω |
|------|-------------|---|------|-------------|---|
| Cth2 | 1.721770E-4 | F | Rth2 | 1.595720E-2 | Ω |
| Cth3 | 9.734410E-3 | F | Rth3 | 2.823790E-1 | Ω |
| Cth4 | 1.747600E-3 | F | Rth4 | 5.406140E-2 | Ω |
| | | | | | |

Part Name: PSMNR89-25YLE Date: 11 October 2022

