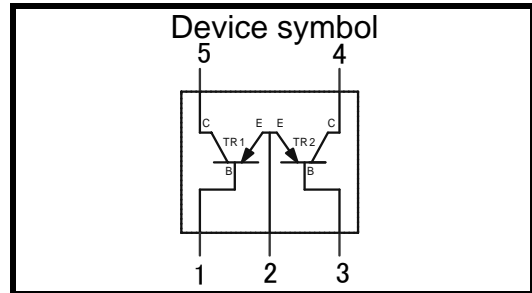


<b>Reference</b>	<b>Spice Parameter</b>	<b>DMA50101</b>	
		Total pages	page
		1	1

Product name: DMA50101

Product type: Composite Transistor (PNP×2)



### Parameters

```

*$
.SUBCKT DMA50101 1 2 3 4 5
Q_Q1 5 1 2 QN1
Q_Q2 4 3 2 QN1
.MODEL QN1 PNP
+ IS=15.000E-15
+ BF=245.62
+ NF=1
+ VAF=25
+ IKF=0.6
+ ISE=61.000E-18
+ NE=1.0832
+ BR=16.8130
+ VAR=2.9000
+ IKR=10.010E-3
+ ISC=5.50E-15
+ NC=1.0464
+ NK=1
+ RE=0.25
+ RB=0.2
+ RC=0.5397
+ CJE=3.2000E-12
+ VJE=0.75
+ MJE=0.83
+ CJC=6.0018E-12
+ VJC=0.35
+ MJC=0.3272
+ FC=0.8
+ TF=771.16E-12
+ XTF=10.968
+ VTF=34.598
+ ITF=0.16385
+ TR=10.000E-9
+ EG=1.11
.ENDS
*$

```

Caution : Applicable at 25 degree celsius only.

2010.02.18		
Prepared	Revised	