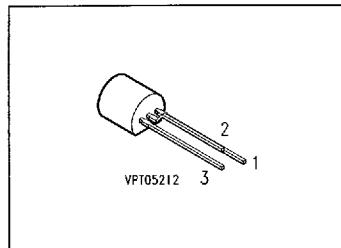


NPN Silicon RF Transistors

BF 240
BF 241

- For AM and FM stages
- Low feedback capacitance due to shield diffusion
- Low output conductance



Type	Marking	Ordering Code	Pin Configuration			Package ¹⁾
			1	2	3	
BF 240	–	Q62702-F302	C	E	B	TO-92
BF 241		Q62702-F1241				

Maximum Ratings

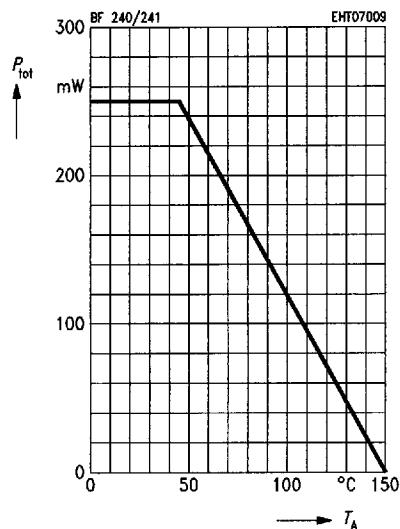
Parameter	Symbol	Values	Unit
Collector-emitter voltage	V_{CE0}	40	V
Collector-base voltage	V_{CB0}	40	
Emitter-base voltage	V_{EB0}	4	
Collector current	I_C	25	mA
Base current	I_B	2	
Total power dissipation, $T_A \leq 45^\circ\text{C}$	P_{tot}	250	mW
Junction temperature	T_j	150	°C
Storage temperature range	T_{stg}	– 55 ... + 150	

Thermal Resistance

Junction - ambient	$R_{th\ JA}$	≤ 420	K/W
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¹⁾ For detailed information see chapter Package Outlines.

Total power dissipation $P_{\text{tot}} = f(T_A)$



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