

**/ Descriptions**

Silicon NPN transistor in a TO-220F Plastic Package.

**/ Features**

Wide Safe Operating Area, complementary to 2SA940A.

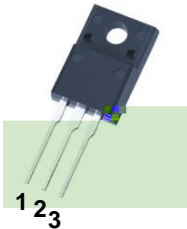
**/ Applications**

Power amplifier applications, vertical output applications.

**/ Equivalent Circuit**



**/ Pinning**



PIN1 Base      PIN 2 Collector      PIN 3 Emitter

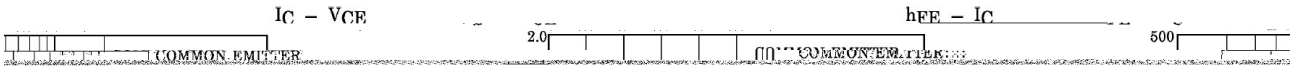
**/  $h_{FE}$  Classifications & Marking**

See Marking Instructions.

Parameter	Symbol	Rating	Unit
Collector to Base Voltage	$V_{CBO}$	150	V
Collector to Emitter Voltage	$V_{CEO}$	150	V
Emitter to Base Voltage	$V_{EBO}$	5.0	V
Collector Current - Continuous	$I_C$	1.5	A
Base Current	$I_B$	0.5	A
Collector Power Dissipation	$P_C$	2.0	W
Collector Power Dissipation	$P_C(T_c=25 \text{ }^\circ\text{C})$	25	W
Junction Temperature	$T_j$	150	
Storage Temperature Range	$T_{stg}$	-55 150	

Parameter                      Symbol                      Test Conditions                      Min

**/ Electrical Characteristic Curve**







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