

/ Descriptions

TO-126F

NPN

Silicon NPN transistor in a TO-126F Plastic Package.

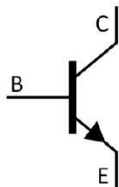
/ Features

3 , ,
Output stage of 3 watts audio amplifier, voltage regulator, DC-DC converter and relay driver.

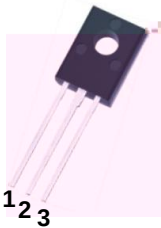
/ Applications

$V_{CE(sat)}$, , h_{FE} .
Low saturation voltage, excellent h_{FE} linearity and high h_{FE} .

/ Equivalent Circuit



/ Pinning



PIN1 Emitter

PIN 2 Collector

PIN 3 Base

/ h_{FE} Classifications & Marking

h _{FE} Classifications Symbol	R	O	Y	G
h _{FE} Range	60 120	100 200	160 320	200 400

Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	40	V
Collector to Emitter Voltage	V_{CEO}	30	V
Emitter to Base Voltage	V_{EBO}	5.0	V
Collector Current – Continuous	I_C	3.0	A
Collector Power Dissipation	P_C	1.0	W
	$P_C(T_C=25^\circ\text{C})$	10	W
Junction Temperature	T_j	150	
Storage Temperature Range	T_{stg}	-55 150	

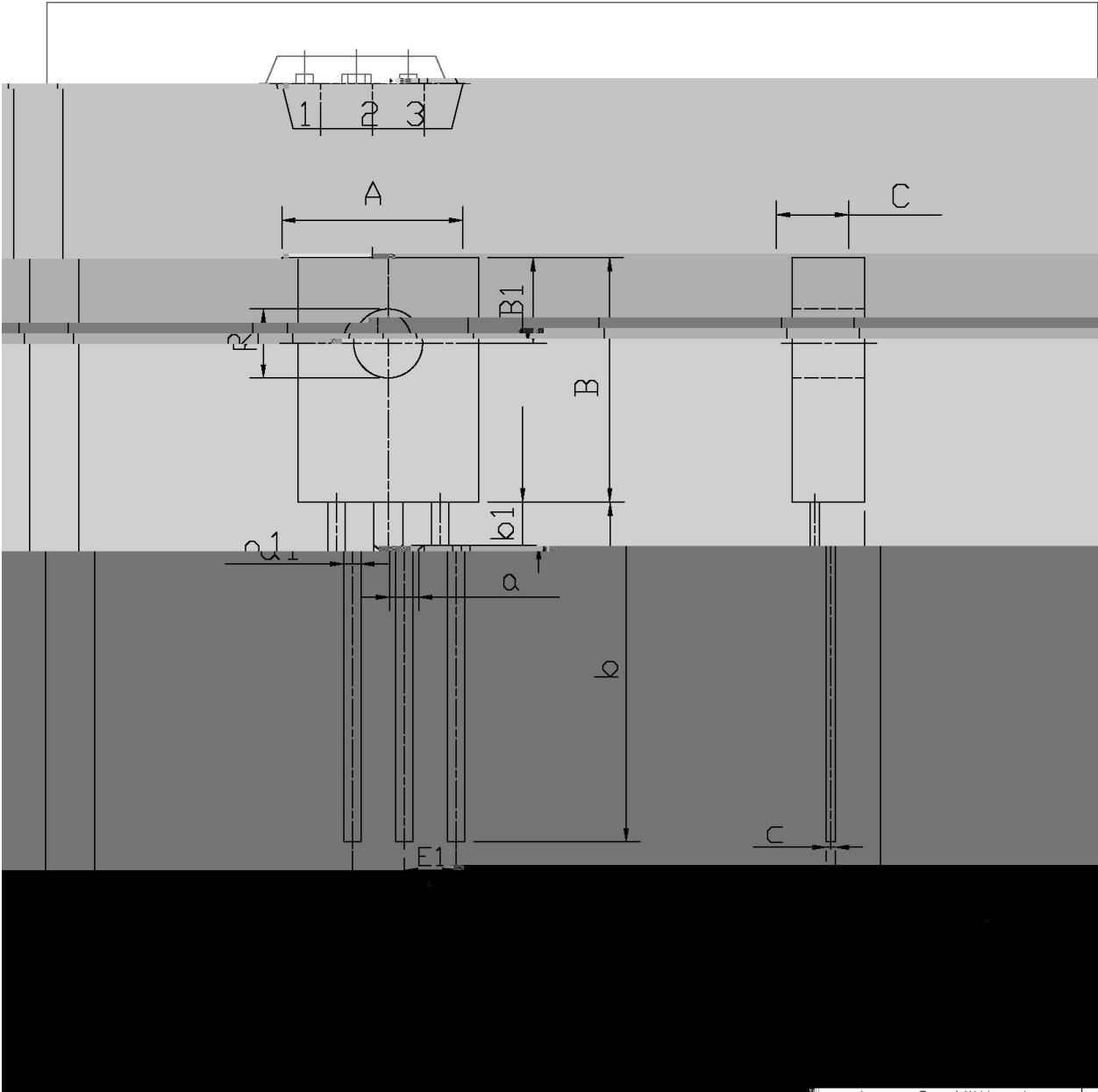
Parameter

KSD882

/ Package Dimensions

TU-126F

单位: mm



Max		Min		Max		Min	
7.95	A	7.8	8.2	2.1	R	2.05	3.15
4.8	B	10.8	11.2	E	4.4		
3.5	B1	3.8	4.2	C	3.1		
2.1	R	2.05	3.15	C1	1.9		

