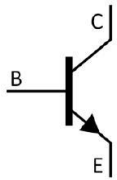


Silicon NPN transistor in a TO-92 Plastic Package.

High breakdown voltage, high current, low saturation voltage.

Low frequency power amplifier applications.

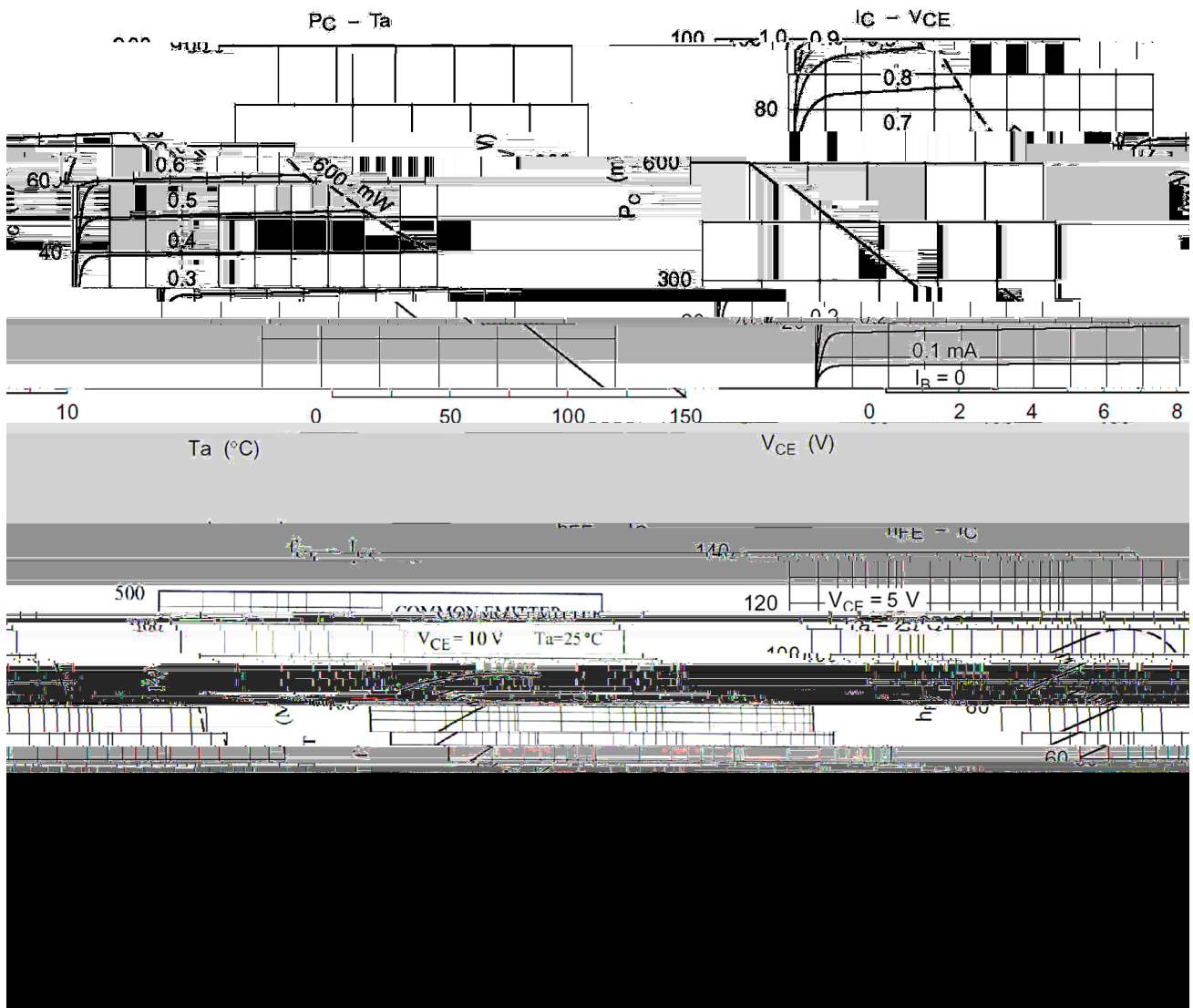


PIN1 Base PIN 2 Collector PIN 3 Emitter

h_{FE} Classifications Symbol	D	E	F
h_{FE} Range	60~120	100~200	160~320

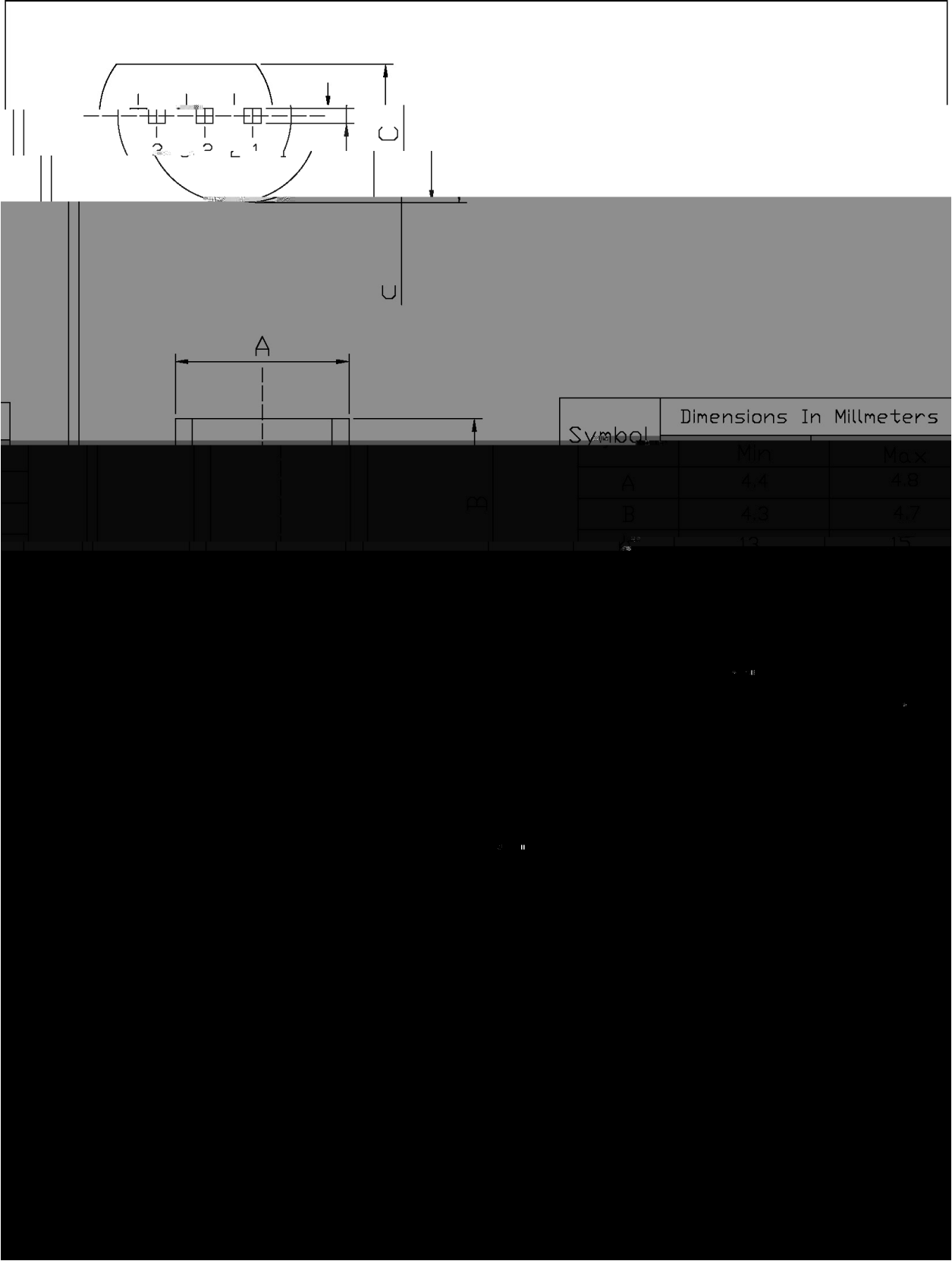
Parameter	Symbol		Rating	Unit
Collector to Base Voltage	V_{CBO}	2SC2274	60	V
		2SC2274K	100	
Collector to Emitter Voltage	V_{CEO}	2SC2274	50	V
		2SC2274K	80	
Emitter to Base Voltage	V_{EBO}		5.0	V
Collector Current - Continuous	I_C		500	mA
Emitter Current – Continuous(Pulse)	I_{CP}		800	mA
Collector Power Dissipation	P_C		600	mW
Junction Temperature	T_j		150	
Storage Temperature Range	T_{stg}		-55 150	

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Collector to Base Breakdown Voltage	V_{CBO}	2SC2274 $I_C=10\mu A$				

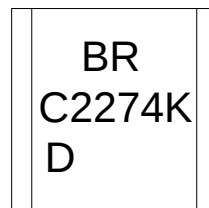


TO-92

Unit: mm



Symbol	Dimensions In Millimeters	
	Min	Max
A	4.4	4.8
B	4.3	4.7
C	12	15



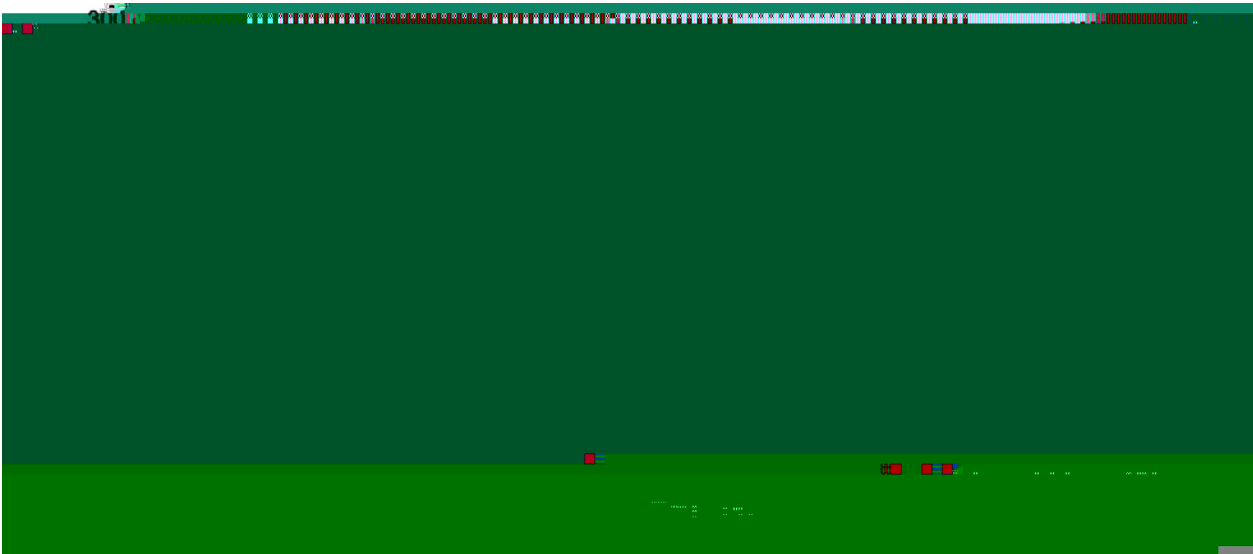
Note:

BR: Company Code.

C2274K: Product Type.

D: h_{FE} Classifications Symbol

****: Lot No. Code, code change with Lot No.



- 1

25 150

60 90sec;

2

255 5

5 0.5sec;

3

2 10

/sec.
- Note:

1.Preheating:25~150 , Time:60~90sec.

2.Peak Temp.:255 5 , Duration:5 0.5sec.

3. Cooling Speed: 2~10 /sec.

270 5

10 1 sec.

Temp:270±5

Time:10±1 sec

/ BULK

Package Type	Units					Dimension		(unit mm3)

/ AMMO

Package Type	Units					Dimension		(unit mm3)