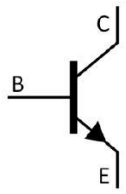
SOT-23 NPN Silicon NPN transistor in a SOT-23 Plastic Package.

600mA

Collector currents up to 600 mA.

General purpose amplifier.



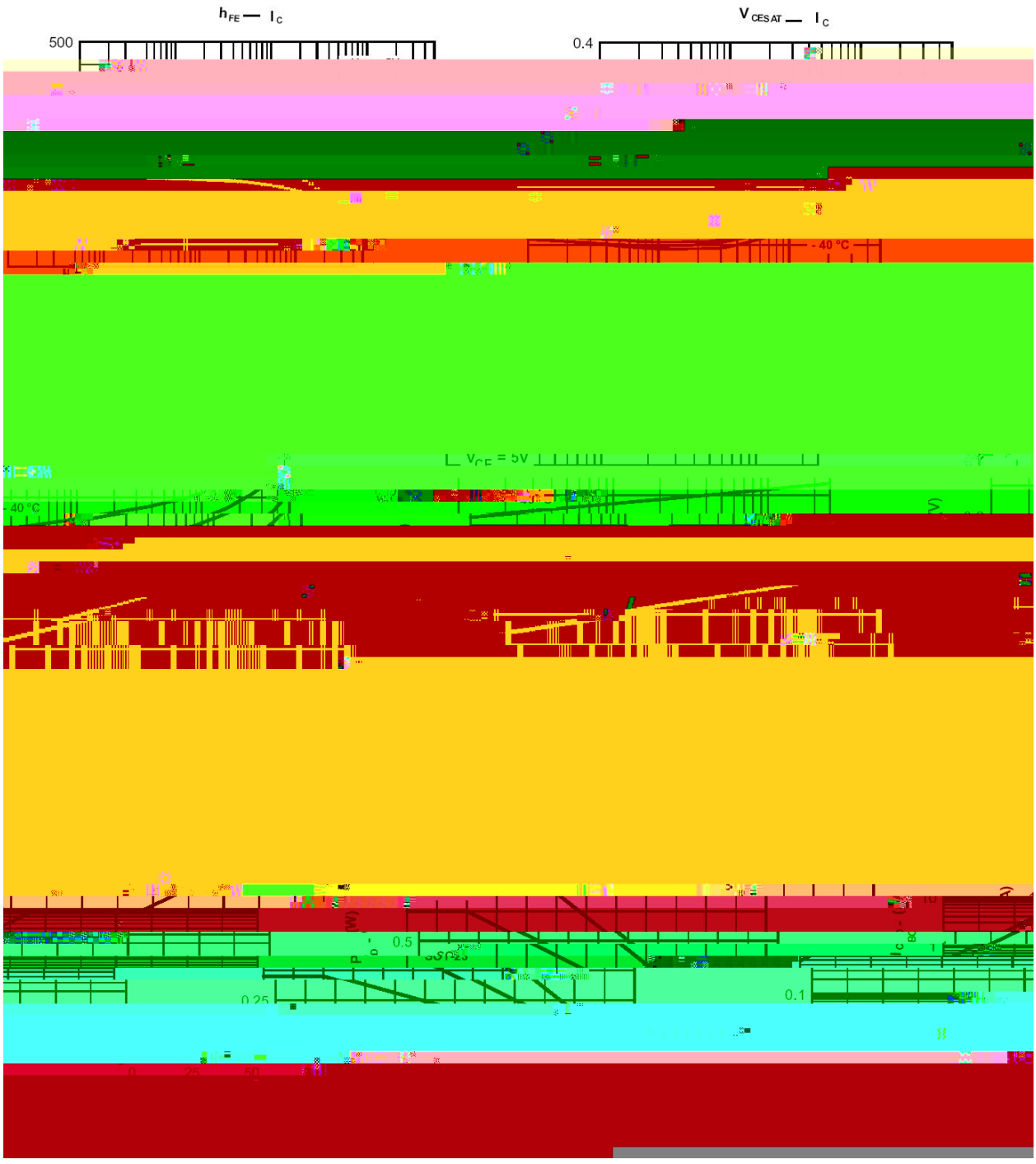


PIN 1 Base PIN 2 Emitter PIN 3 Collector

h_{FE} Range	100 300
Marking	H1P

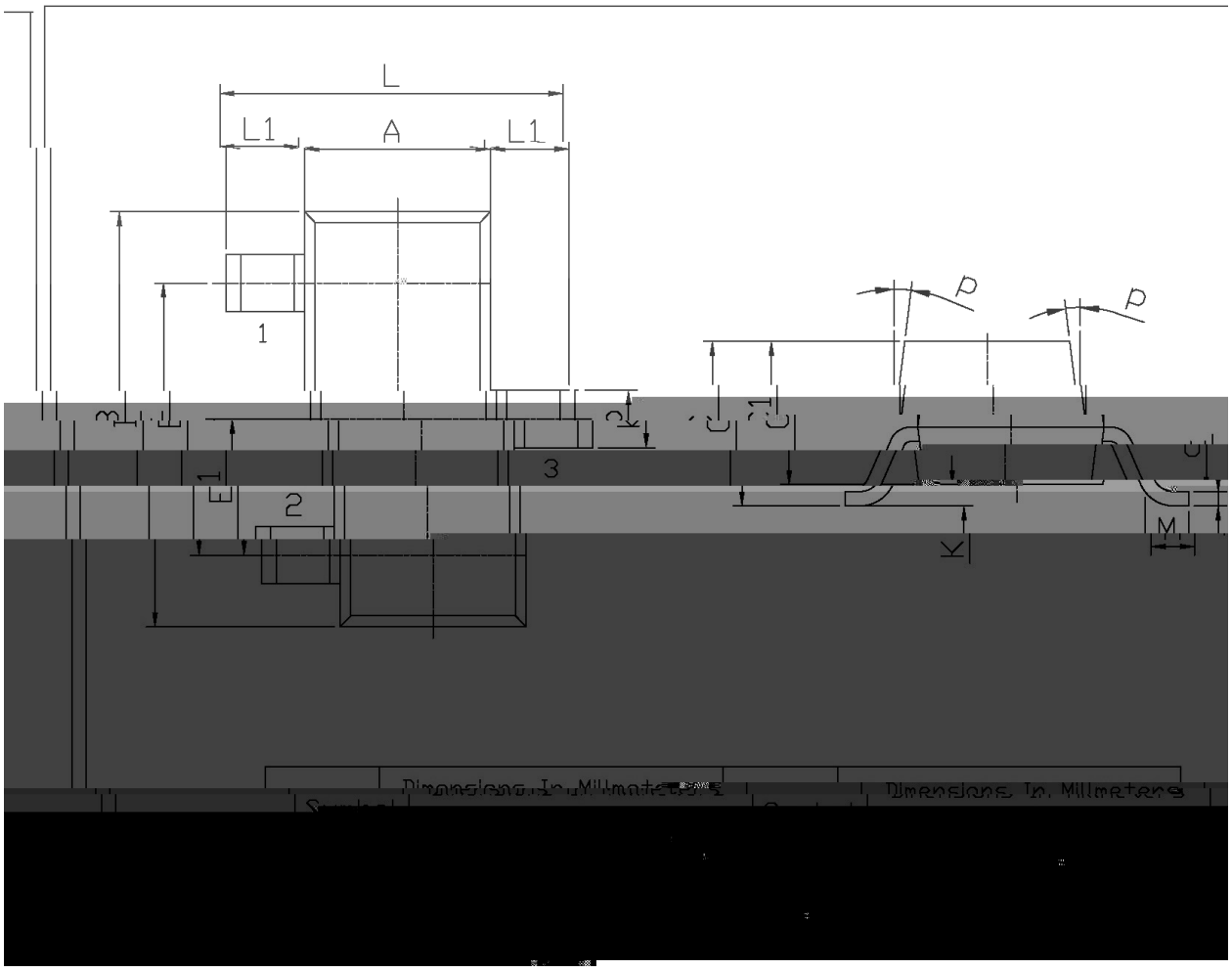
Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	75	V
Collector to Emitter Voltage	V_{CEO}	40	V
Emitter to Base Voltage	V_{EBO}	6.0	V
Collector Current	I_C	600	mA
Collector Power Dissipation	P_C	350	mW
Junction Temperature	T_j	150	
Storage Temperature Range	T_{stg}	-55 150	

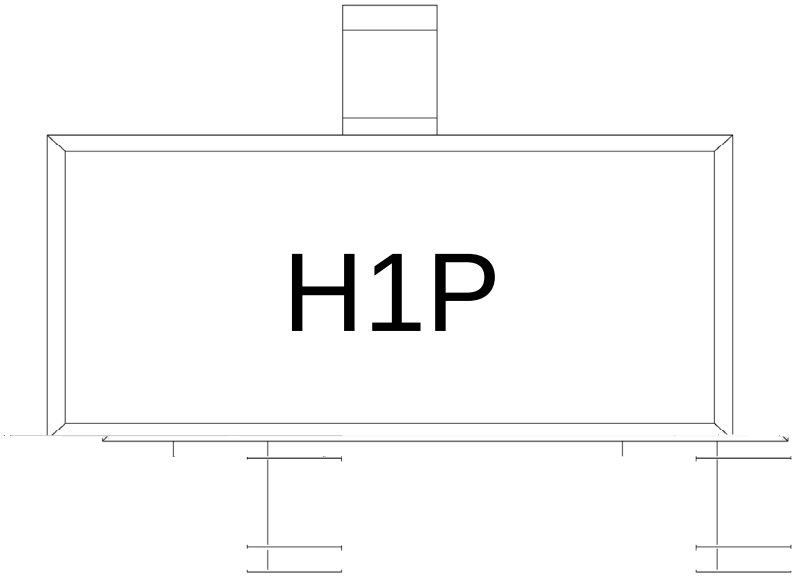
Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Collector to Base Breakdown Voltage	V_{CBO}	I_C=10 A I_E=0	75			V
Collector to Emitter Breakdown Voltage	V_{CEO}	I_C=10mA I_B=0	40			V
Emitter to Base Breakdown Voltage	V_{EBO}	I_E=10 A I_C				


h FE — I C
500
V CESAT — I C
0.4
- 40 °C
V CE = 5V
40 °C
0.5
0.25
0.1
0
25
50

SOT-23

单位：mm





H

1P

Note:

H	Company Code
1P	Product Type Code

Rev.G Aug.-2018