

Rev.G Aug.-2018

SOT-23

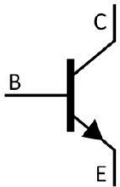
NPN

Silicon NPN transistor in a SOT-23 Plastic Package.

600mA

Collector currents up to 600 mA.

General purpose amplifier.



PIN 1 Base

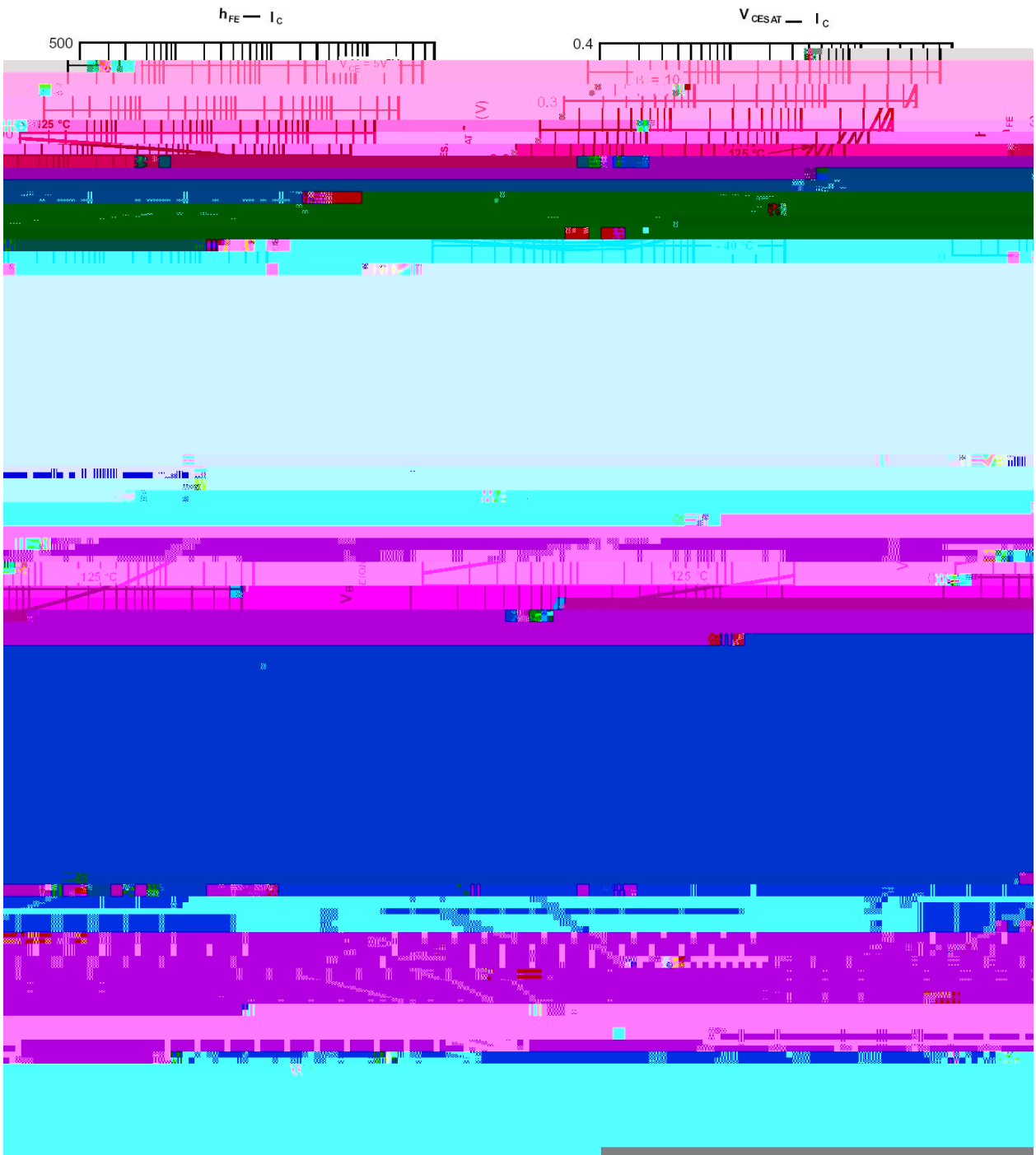
PIN 2 Emitter

PIN 3 Collector

$h_{FE}$ Range	100 300
Marking	H1P

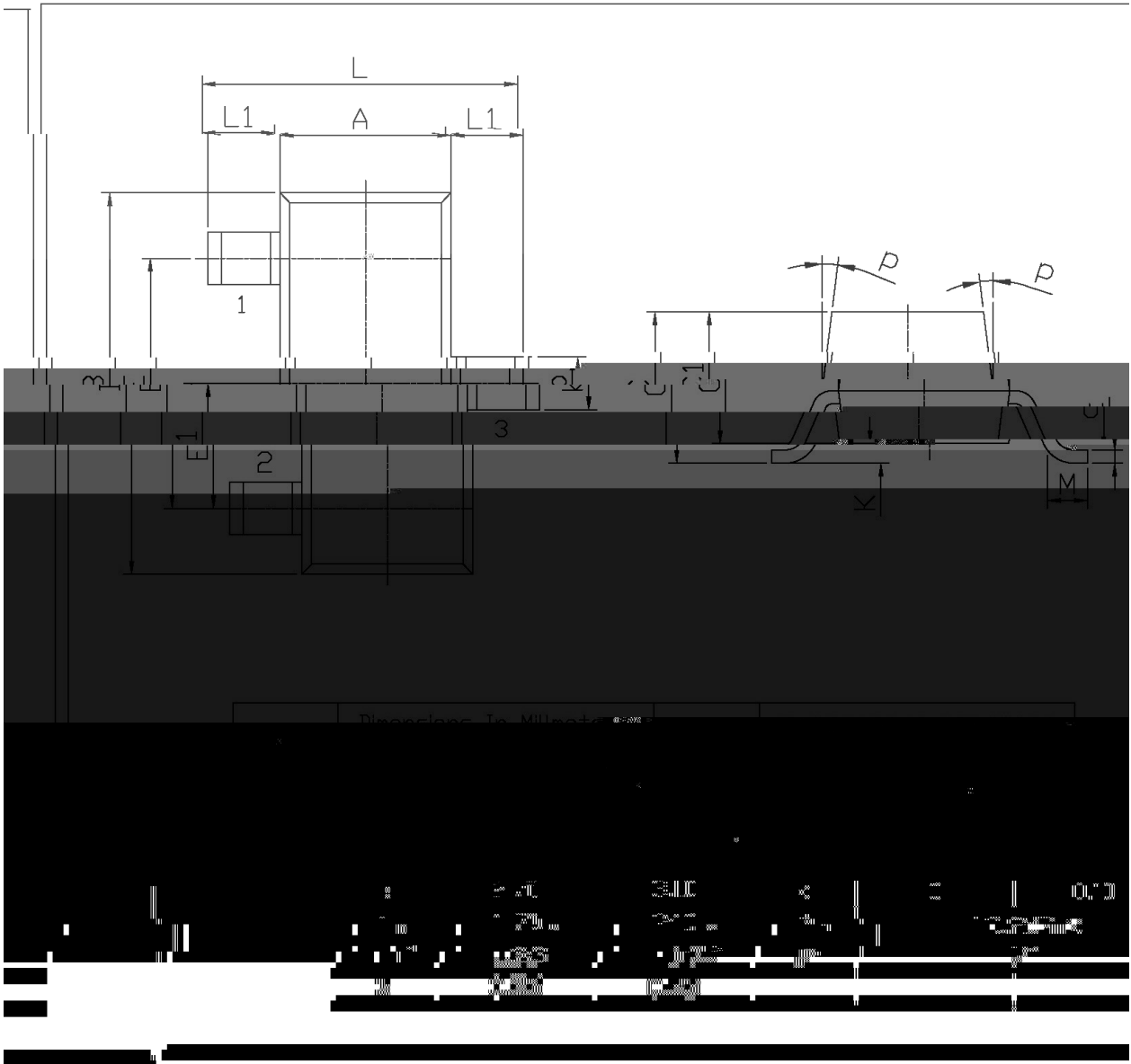
Parameter	Symbol	Rating	Unit
Collector to Base Voltage	$V_{CBO}$	75	V
Collector to Emitter Voltage	$V_{CEO}$	40	V
Emitter to Base Voltage	$V_{EBO}$	6.0	V
Collector Current	$I_C$	600	mA
Collector Power Dissipation	$P_C$	350	mW
Junction Temperature	$T_j$	150	
Storage Temperature Range	$T_{stg}$	-55 150	

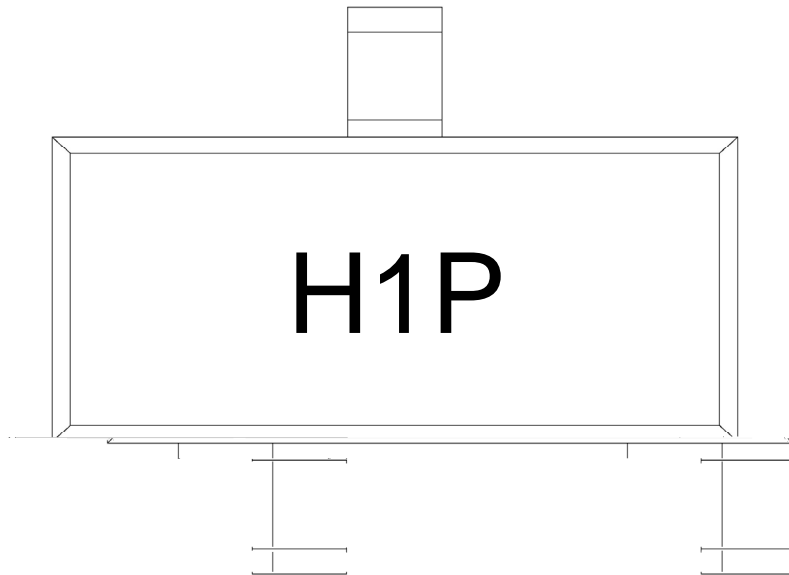
Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Collector to Base Breakdown Voltage	$V_{CBO}$	$I_C=10\text{ A}$ $I_E=0$	75			V
Collector to Emitter Breakdown Voltage	$V_{CEO}$	$I_C=10\text{mA}$ $I_B=0$	40			V
Emitter to Base Breakdown Voltage	$V_{EBO}$	$I_E=10\text{ A}$ $I_C$				



SUT-23

单位: mm





H

1P

Note:

H      Company Code

1P     Product Type Code

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