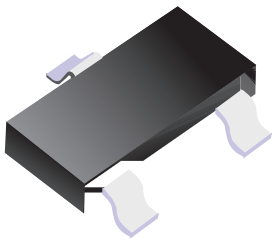
For switching and general purpose applications.

The transistor is subdivided into three groups O, Y and G, according to its DC current gain.

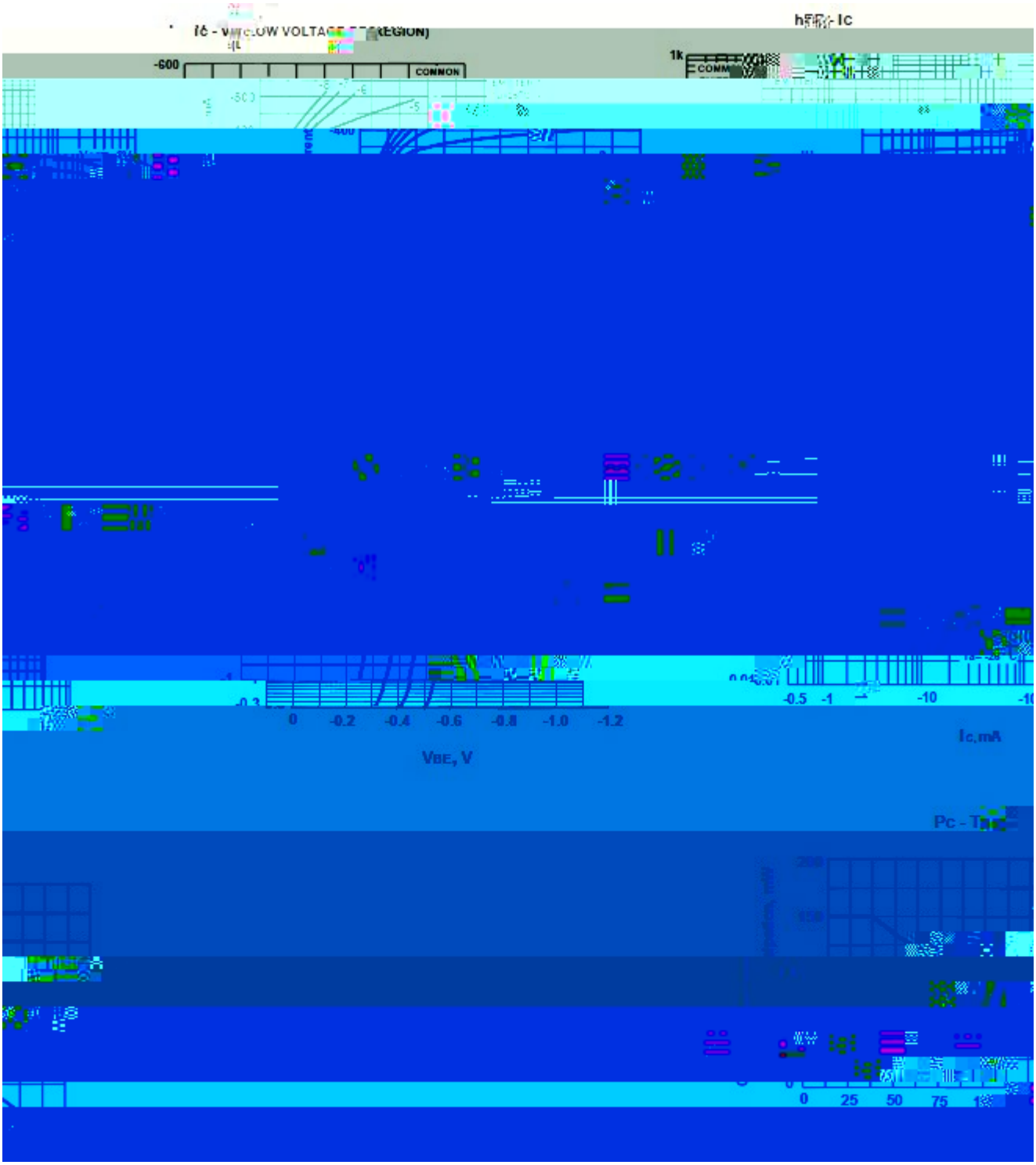


- Excellent h_{FE} linearity:
- h_{FE}=25(min) at V_{CE}=-6V, I_C=-400mA

Collector-Base Voltage		-35	
Collector-Emitter Voltage		-30	
Emitter -Base Voltage		-5	
Collector Current-Continuous		-500	
Base Current		-50	
Power Dissipation		200	
Junction Temperature		150	
Storage Temperature		-55-+150	

DC Current Gain	V_{CE}=-1V,I_C= -100mA	O	70		140
		Y	120		240
Current Gain Group		G	200		400
Collector Cutof	V_{CE}=-6V,I_C= -400mA			25	

	70-140	120-240	200-400
	AZO	AZY	AZG


-600
CONMON
1k
-0.5
-1
-10
0
-0.2
-0.4
-0.6
-0.8
-1.0
-1.2
Ic,mA
VBE, V
0
25
50
75

Ordering information

Package	Packing Description	Base Quantity	Packing Quantity
SOT-23	Tape/Reel,7”reel	3000pcs/Reel	24000PCS/Box 120000PCS/Carton

Package Dimensions

SOT-23

Dim.	Millimeter (mm)		mil	
	Min.	**Max.**	**Min.**	**Max.**
A	0.9	1.15	35	45
A1	0.1		3.9	
bp	0.38	0.48	15	19
C	0.09	0.15	3.54	5.9
D	2.8	3.0	110	118

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