PNP Plastic-Encapsulate Transistors

Applications

- Telephone Switching Circuit
- Amplifier

Features

- High Collector-Emitter Voltage : BV_{CEO}=-150V
- High current gain

Absolute Maximum Ratings (Ta=25)

Parameter	Symbol	Value	Unit
82&0+)21"N'(0 L2&)'50	NL8N	">A<	L
82&0+)21",I*))01 L2&)'50	NL8,	">B<	L
,I*))01"N'(0 L2&)'50	NL,N	"B	L
82&0+)21 8/110-)	R8	"A<<	I D
82&0+)21 %2H01 S*((*.')*2-	%8	#	T
U/-+)*2- !0I.01')/10	!V	>B<	℃
)21'50 !0I.01')/10	!()5	"BB >B<	℃

Electrical Characteristics (Ta=25)

Parameter

h_{FE} Classification

YFW5401-A **YFW5401-B** **YFW5401-C**

Typical Characteristics

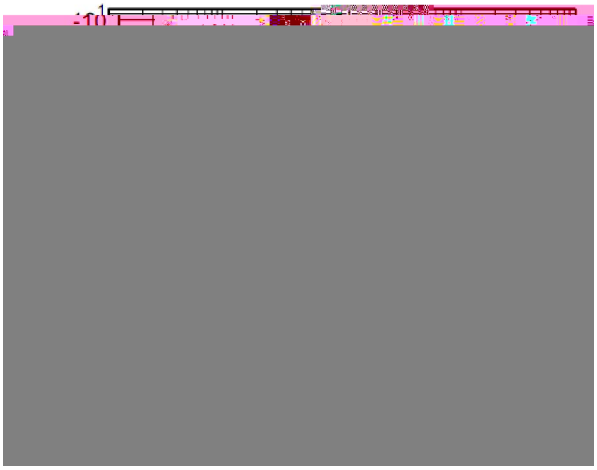

Figure 1. TDC Current Gain



Figure 2. Saturation Voltage



Figure 3. Base-Emitter on Voltage



Figure 4. Collector Output Capacitance

Figure 5. Current Gain-Bandwidth Product

Ordering information

Package	Packing Description	Base Quantity	Packing Quantity
SOT-223	Tape/Reel,7”reel	1000pcs/Reel	6000PCS/Box 30000PCS/Carton
	Tape/Reel,13”reel	2500pcs/Reel	5000PCS/Box 30000PCS/Carton

Package Dimensions

SOT-223

	Dlm	Millimeter		Inches	
		Min.	Max.	Min.	Max.
	A	1.50	1.80	0.059	0.071

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