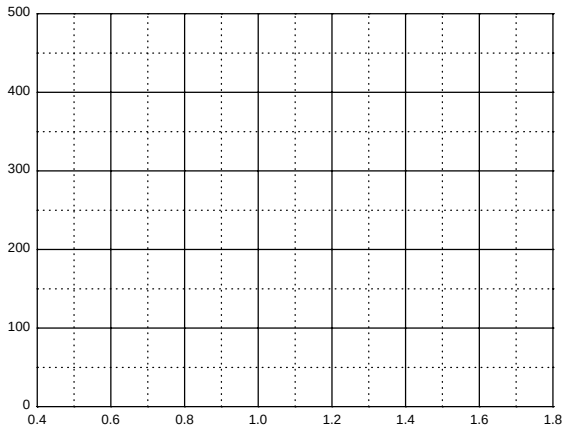
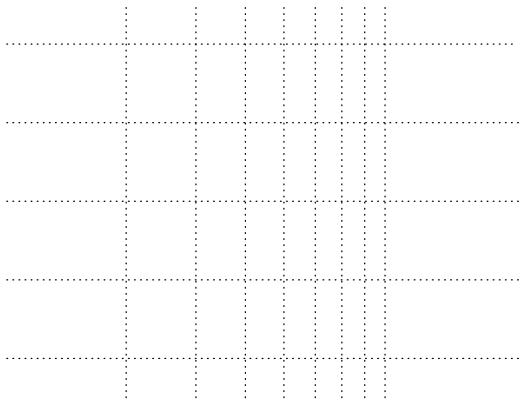
Parameter		Symbol	Min.	Typ.	Max.	Unit
DC Current Gain						
at V_{CE} = 5 V, I_C = 1 mA	BCV27	h_{FE}	4000	-	-	-
	BCV47	h_{FE}	2000	-	-	-
at V_{CE} = 5 V, I_C = 10 mA	BCV27	h_{FE}	10000	-	-	-
	BCV47	h_{FE}	4000	-	-	-
at V_{CE} = 5 V, I_C = 100 mA	BCV27	h_{FE}	20000	-	-	-
	BCV47	h_{FE}	10000	-	-	-
Collector Cutoff Current						
at V_{CB} = 30 V	BCV27	I_{CBO}	-	-	100	nA
at V_{CB} = 60 V	BCV47		-	-	100	
Emitter Cutoff Current						
at V_{EB} = 10 V		I_{EBO}	-	-	100	nA


500
400
300
200
100
0
0.4
0.6
0.8
1.0
1.2
1.4
1.6
1.8



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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