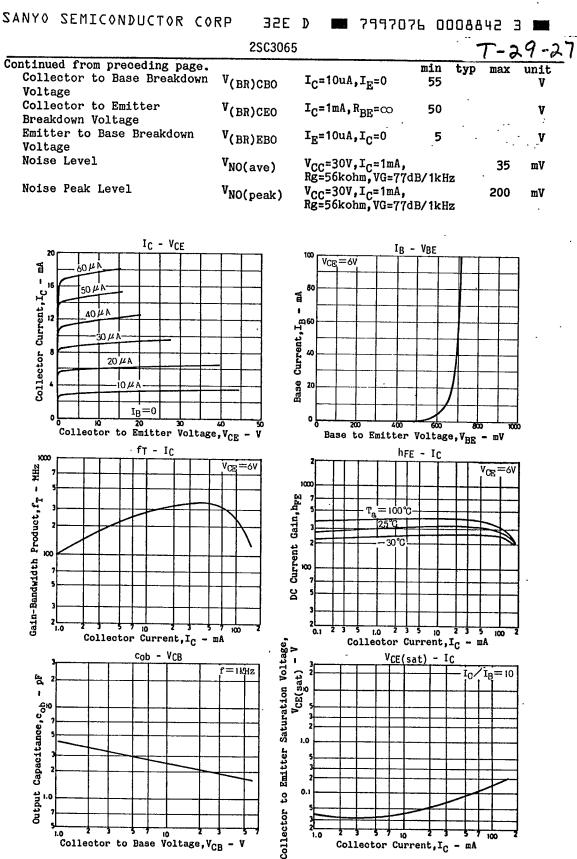
NYO SEMICONDUCTOR	CORP 32E D	<b>111</b> 7997078	T-29-	-27
	2029A	Silicon	NPN Epitaxial Plar Composite Transis	nar tor
5974B	Differe	ntial Amp	Application	IS
Applications . Differential amp, curr	ent mirror.		•	
Features Excellent in therma differential amp. Low noise. Matched pair capabilit		and suited for	use in first-s	stage
Absolute Maximum Ratings a Collector to Base Voltag Cellector to Emitter Vol Emitter to Base Current Collector Current Peak Collector Current Collector Dissipation Total Dissipation Junction Temperature Storage Temperature	e V <sub>CBO</sub> tage V <sub>CEO</sub> VEBO I <sub>C</sub> iop	mit -55 t	unit 55 V 50 V 5 V 150 mA 300 mA 200 mW 400 mW 150 °C 00 +150 °C	
<b>Electrical Characteristics</b> Collector Cutoff Current Emitter Cutoff Current DC Current Gain DC Current Gain Ratio Base to Emitter Voltage Collector to Emitter Saturation Voltage Gain-Bandwidth Product Output Capacitance Collector to Base Breakd Voltage	$\begin{array}{c} I_{CBO} \\ I_{EBO} \\ h_{FE} \\ h_{FE}(ssall/large) \\ Drop V_{BE}(large-ssall) \\ V_{CE}(sal) \\ f_{T} \\ c_{Ob} \end{array}$	$V_{CE}^{2}=6V, I_{C}^{2}=1mA$ $I_{C}^{2}=50mA, I_{B}^{2}=5mA$ $V_{CE}^{2}=6V, I_{C}^{2}=1mA$ $V_{CB}^{2}=10V, f=1MHz$ $I_{C}^{2}=10uA, I_{E}^{2}=0$	0.1 0.1 100# 960# 0.85 0.98 1.0 10 0.5	nit uA uA mV V HHz pF V page.
	<b>Case Outline</b> 20 (unit:mm)	29A The 2SC3 a surface Case	065 is provided with mounted package. <b>Outline</b> 2030A	
The 2SC3065 is classified y h <sub>FE</sub> (small) as follows: 100 E 200 160 F 320 280 G 560 480 H 960	C: B:		4.0 C B C B C C C C C C C C C C C C C	•
		1,27	1.27 SANYO: DP6B	

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1.0

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Collector Current, IC - mA

100

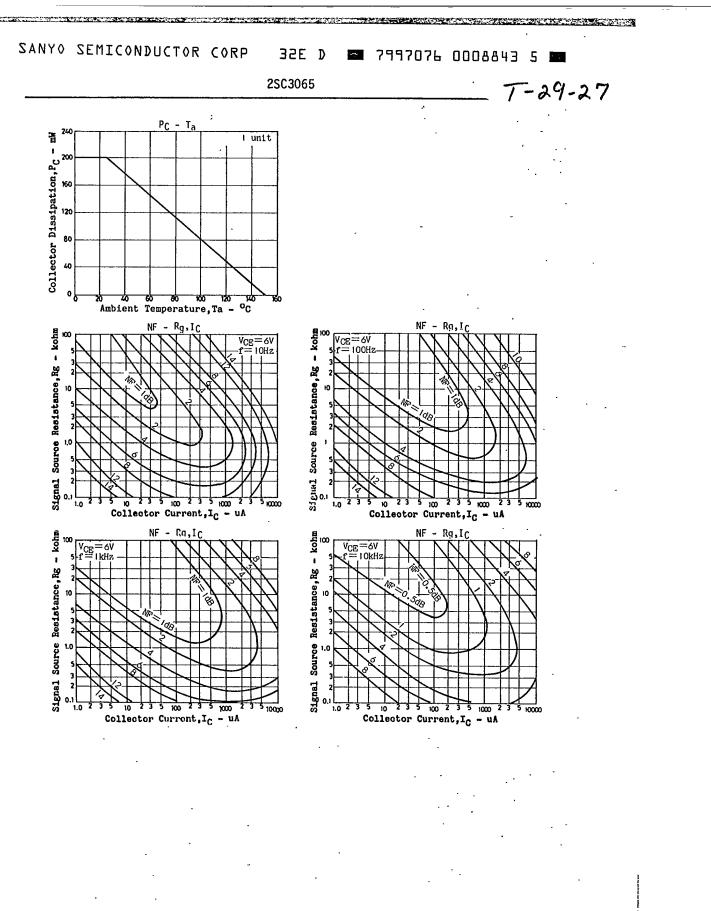
161

1225

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1.0 2 3 5 7 10 2 3 5 Collector to Base Voltage,V<sub>CB</sub> - V

Output



162

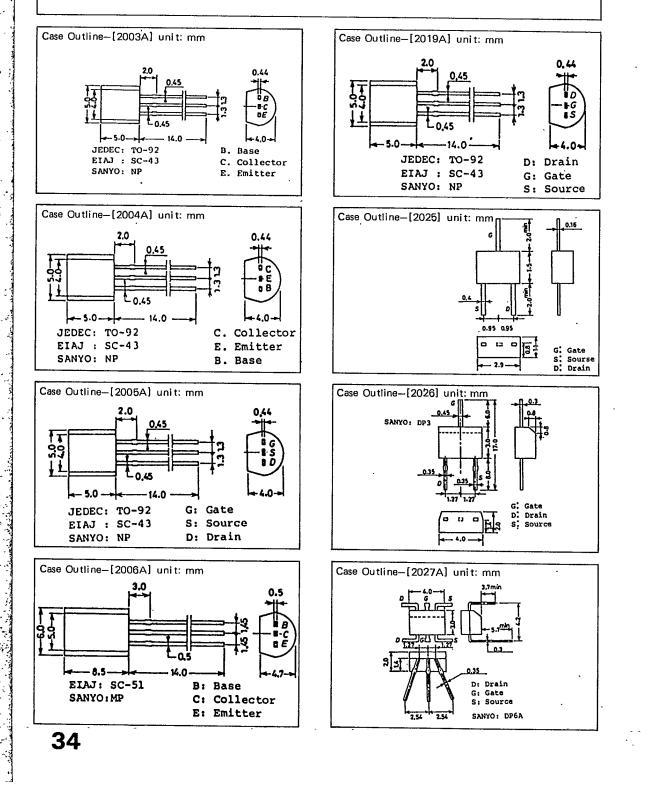
## SANYO SEMICONDUCTOR CORP 32E D 📰 7997076 0008715 7 🛤

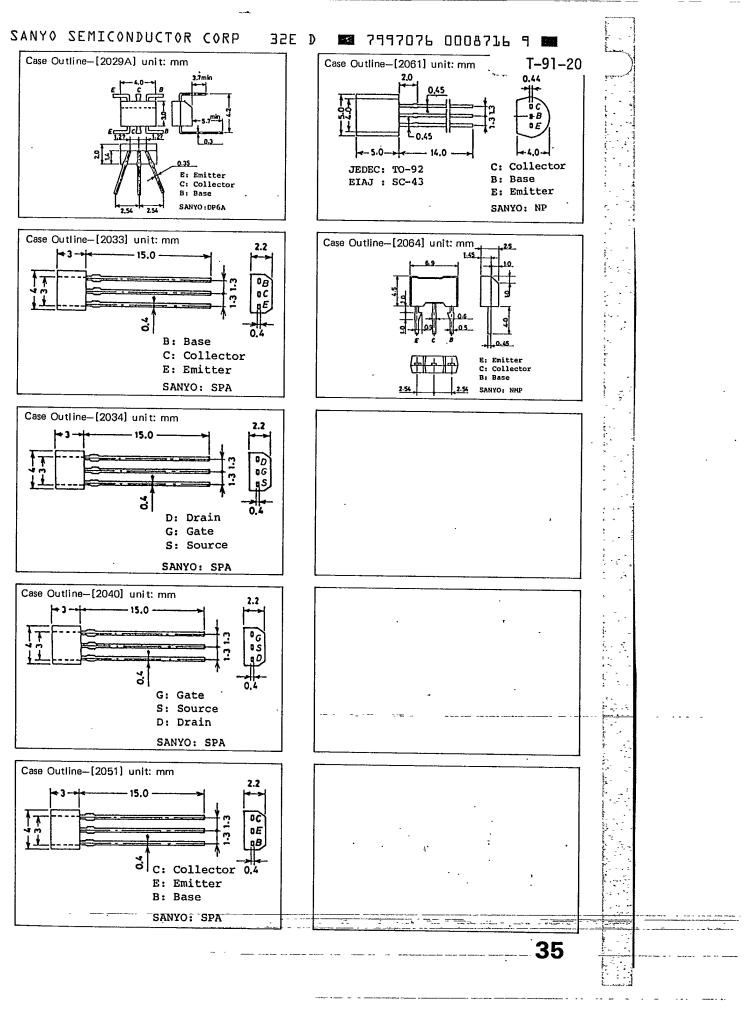
T-9/-20 CASE OUTLINES OF LEAD FORMED SMALL SIGNAL TRANSISTORS

All of Sanyo lead formed small signal transistor case outlines are illustrated below.All dimensions are in mm, and dimensions which are not followed by min. or max.

- are represented by typical values.
- •No marking is indicated.

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