

2SA1179,查询"2SA1179"供应商
2SC2812

T-29-15

2018A

PNP/NPN Epitaxial Planar
Silicon Transistors**Low-Frequency General-Purpose
Amp Applications**

©3218

Features

- Small-sized package permitting the 2SA1179/2SC2812-applied sets to be made small and slim
- High breakdown voltage

(): 2SA1179

Absolute Maximum Ratings at Ta=25°C

		unit
Collector to Base Voltage	V_{CBO}	(-)55 V
Collector to Emitter Voltage	V_{CEO}	(-)50 V
Emitter to Base Voltage	V_{EBO}	(-)5 V
Collector Current	I_C	(-)150 mA
Peak Collector Current	i_{cp}	(-)300 mA
Base Current	I_B	(-)30 mA
Collector Dissipation	P_C	200 mW
Junction Temperature	T_J	150 °C
Storage Temperature	T_{stg}	- 55 to + 150 °C

Electrical Characteristics at Ta=25°C

			min	typ	max	unit
Collector Cutoff Current	I_{CBO}	$V_{CB}=(-)35V, I_E=0$			(-)0.1	μA
Emitter Cutoff Current	I_{EBO}	$V_{EB}=(-)4V, I_C=0$			(-)0.1	μA
DC Current Gain	h_{FE}	$V_{CE}=(-)6V, I_C=(-)1mA$	90*		600*	
Gain-Bandwidth Product	f_T	2SC2812: $V_{CE}=6V, I_C=1mA$ 2SA1179: $V_{CE}=-6V, I_C=-10mA$		100 (180)		MHz MHz
Output Capacitance	c_{ob}	$V_{CB}=(-)6V, f=1MHz$		(4.0)3.0		pF
C-E Saturation Voltage	$V_{CE(sat)}$	$I_C=(-)50mA, I_B=(-)5mA$		0.1 (-0.15)	(-)0.5	V
B-E Saturation Voltage	$V_{BE(sat)}$	$I_C=(-)50mA, I_B=(-)5mA$			(-)1.0	V
C-B Breakdown Voltage	$V_{(BR)CBO}$	$I_C=(-)10\mu A, I_E=0$	(-)55			V
C-E Breakdown Voltage	$V_{(BR)CEO}$	$I_C=(-)1mA, R_{BE}=\infty$	(-)50			V
E-B Breakdown Voltage	$V_{(BR)EBO}$	$I_E=(-)10\mu A, I_C=0$	(-)5			V

*: The 2SA1179/2SC2812 are classified by 1mA h_{FE} as follows :

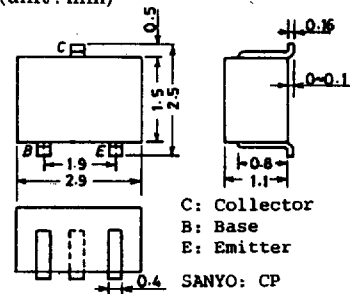
90	4	180	135	5	270	200	6	400	300	7	600
----	---	-----	-----	---	-----	-----	---	-----	-----	---	-----

Marking: 2SA1179: M

2SC2812: L

 h_{FE} rank: 4,5,6,7**Case Outline 2018A**

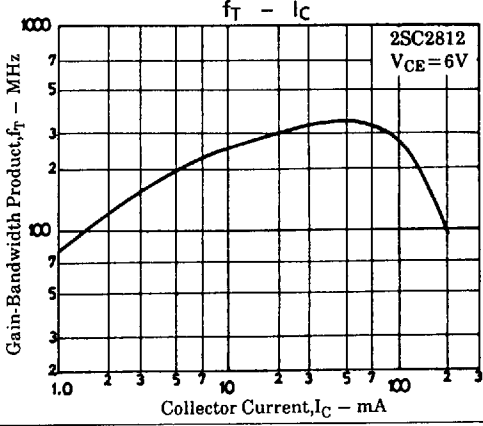
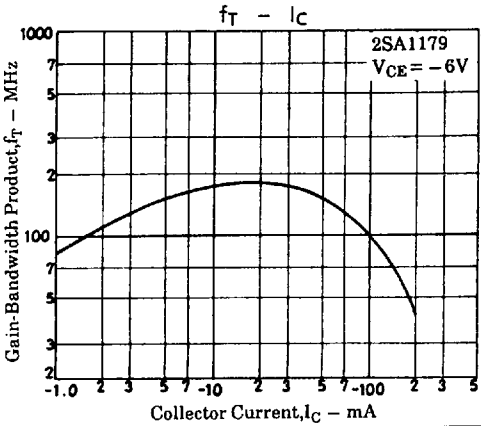
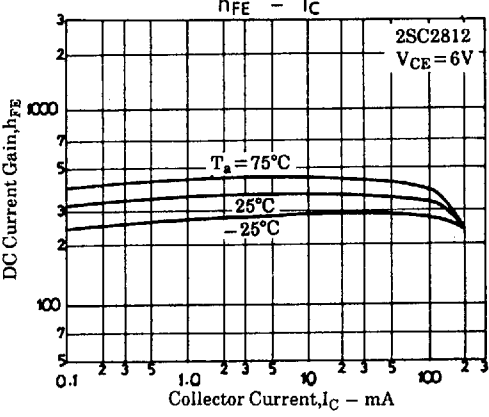
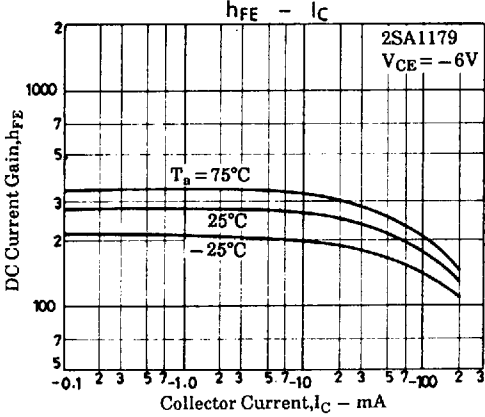
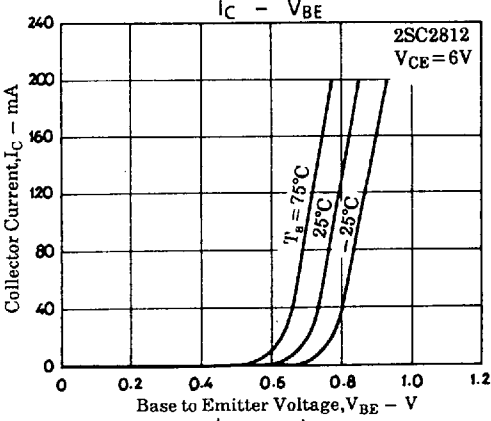
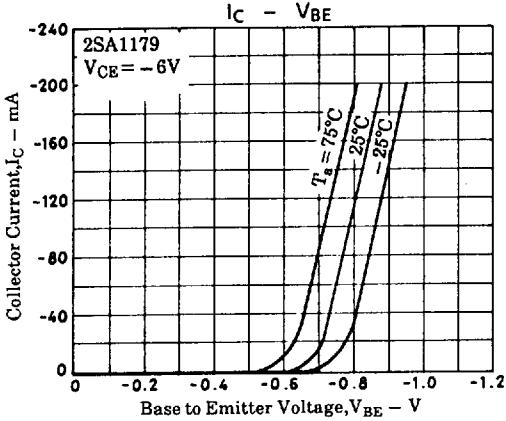
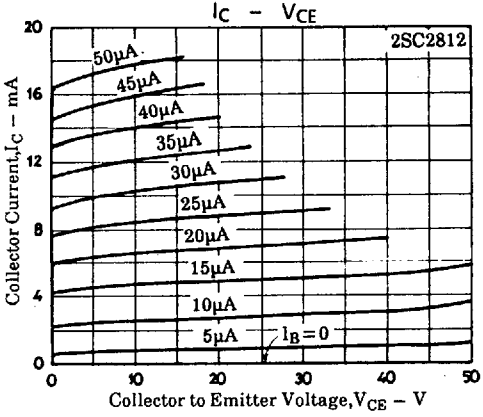
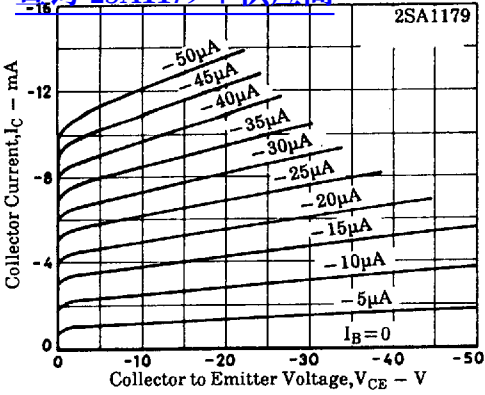
(unit: mm)



2SA1179/2SC2812

T=29-15

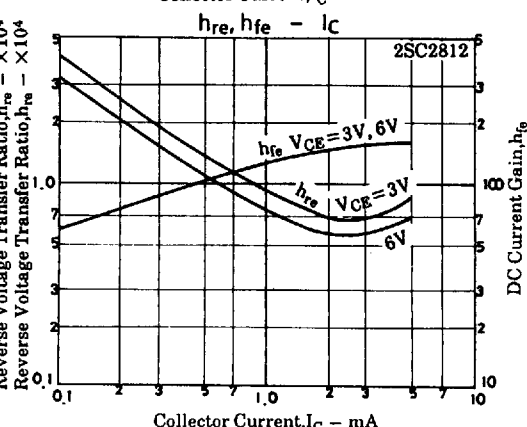
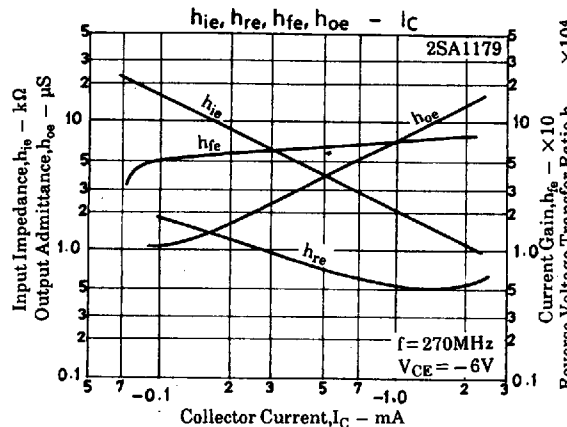
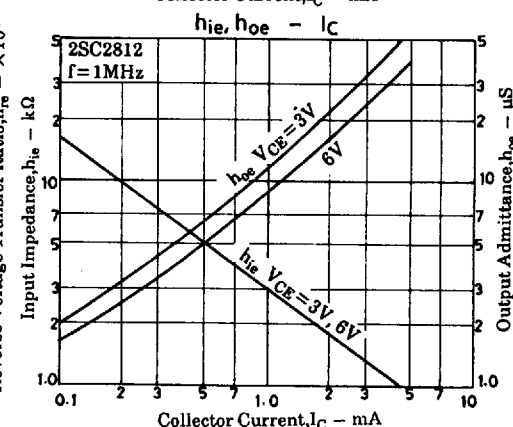
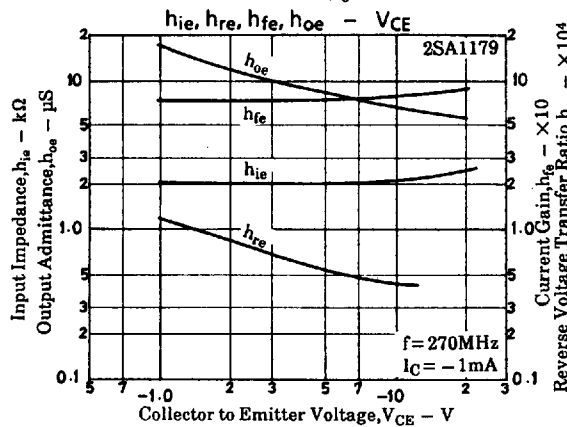
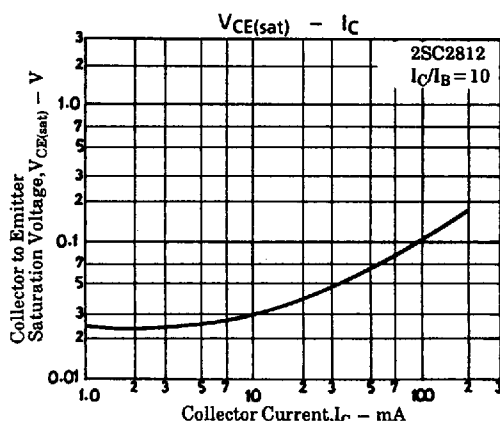
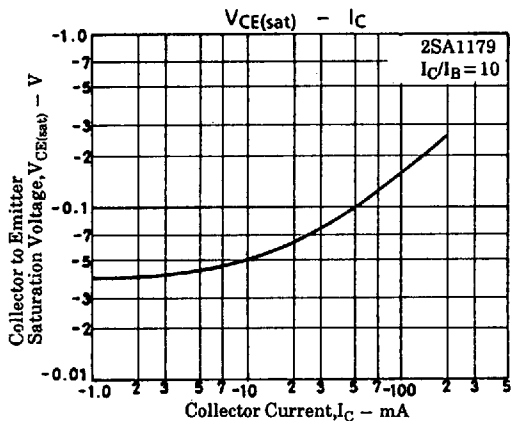
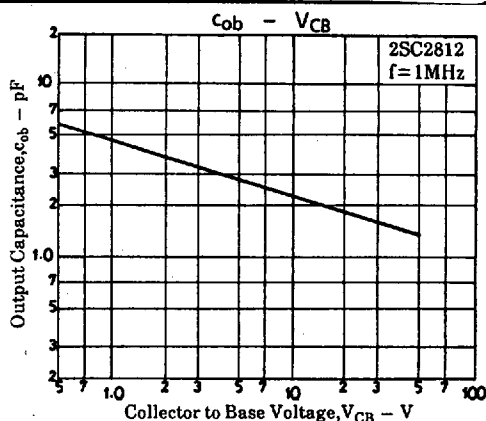
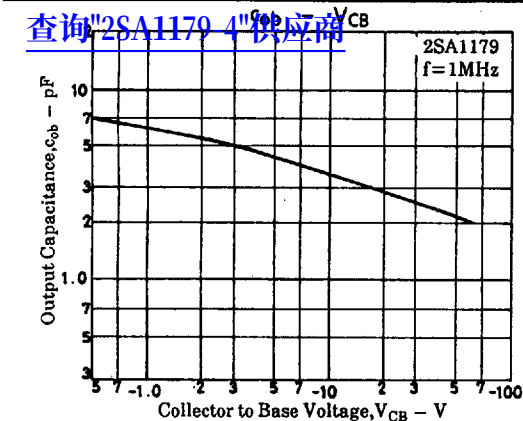
查询"2SA1179-4"供应商



2SA1179/2SC2812

T-29-15

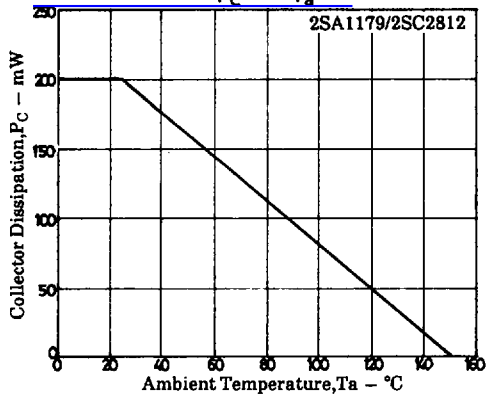
查询"2SA1179 4"供应商



2SA1179/2SC2812

T-29-15

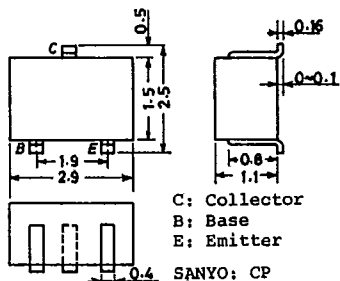
查询"2SA1179"4"供应商



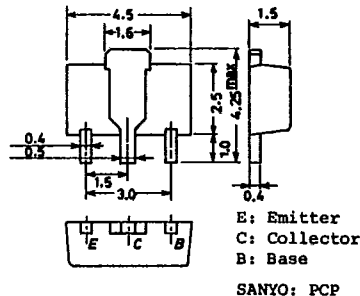
CASE OUTLINES OF SURFACE MOUNT TRANSISTORS

- All of Sanyo surface mount 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.

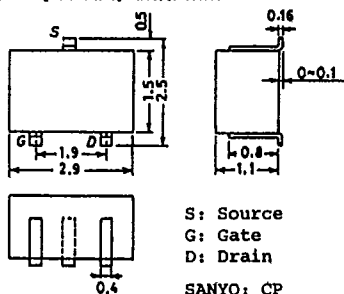
Case Outline—[2018A] unit: mm



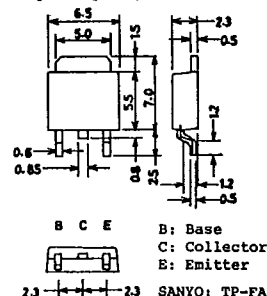
Case Outline—[2038] unit: mm



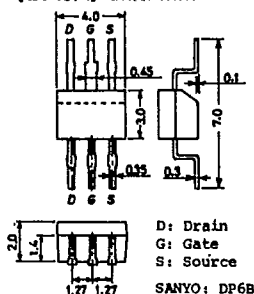
Case Outline—[2024A] unit: mm



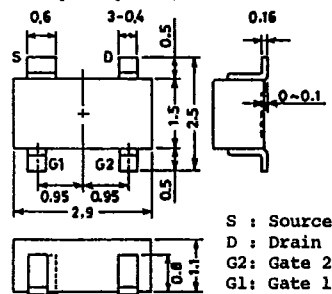
Case Outline—[2044] unit: mm



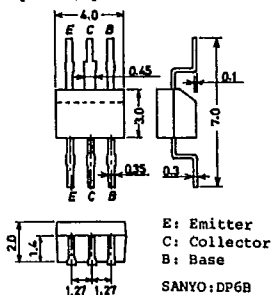
Case Outline—[2028A] unit: mm



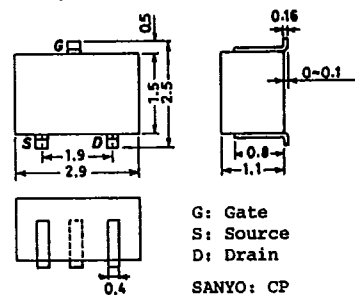
Case Outline—[2046] unit: mm



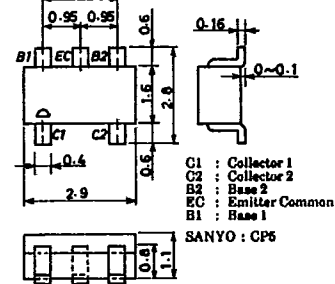
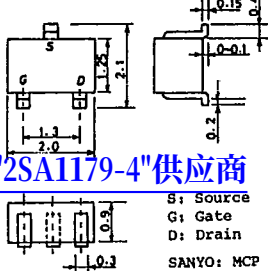
Case Outline—[2030A] unit: mm



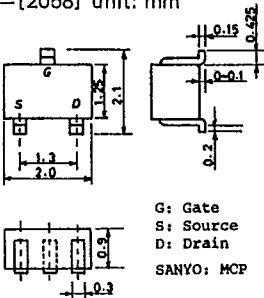
Case Outline—[2050] unit: mm



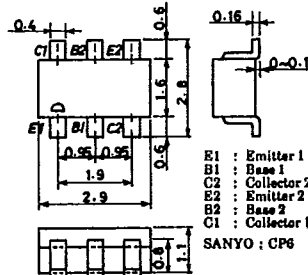
查询"2SA1179-4"供应商



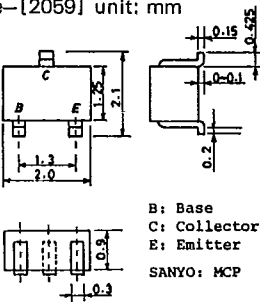
Case Outline—[2058] unit: mm



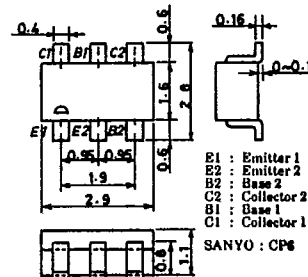
Case Outline—[2067] unit: mm



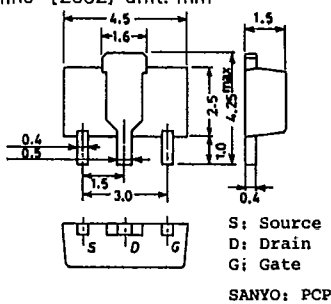
Case Outline—[2059] unit: mm



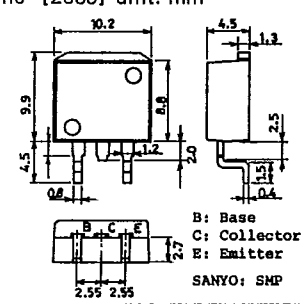
Case Outline—[2068] unit: mm



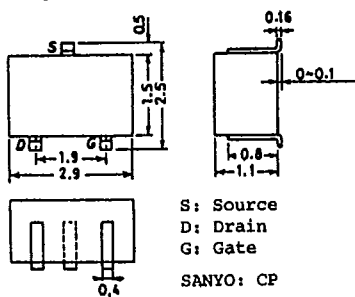
Case Outline—[2062] unit: mm



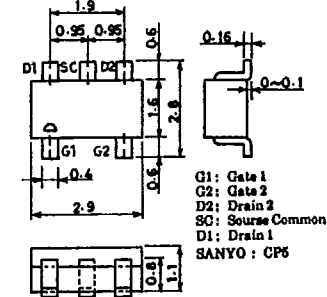
Case Outline—[2069] unit: mm



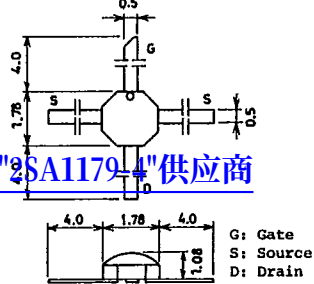
Case Outline—[2065] unit: mm



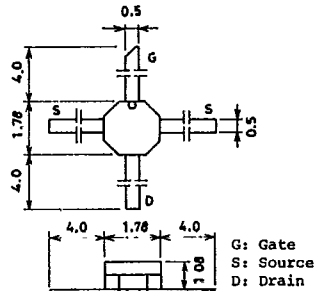
Case Outline—[2070] unit: mm



[查询"SA1179-4"供应商](#)



Case Outline—[2072] unit: mm



Case Outline—[2073] unit: mm

