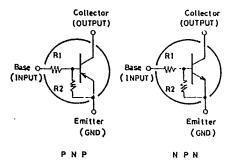
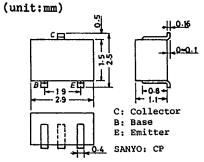
SANYO SEMICONDUCTOR CO	RP 22E D 🔳	7997076 0007346 8 🖿
2SA1563, 2SC4047	2018A	T-37-13 T-35-11 PNP/NPN Epitaxial Planar Silicon Transistors
() ()		tching Applications ances $R1=10k\Omega$, $R2=47k\Omega$)
Applications . Switching circuit, inverter circuit, interface circuit, driver circuit		
Features . On-chip bias resistance (R1=10kohms, R2=47kohms) . Small-sized package (CP)		
(): 2SA1563 Absolute Maximum Ratings a Collector to Base Voltag Collector to Emitter Vol Emitter to Base Voltage Collector Current Peak Collector Current Collector Dissipation Junction Temperature Storage Temperature	e V _{CBO}	unit (-)50 V (-)50 V (-)6 V (-)100 mA (-)200 mA 200 mW 150 °C -55 to +150 °C
Electrical Characteristics Collector Cutoff Current Collector Cutoff Current Emitter Cutoff Current DC Current Gain Gain-Bandwidth Product Output Capacitance		$V_{J}I_{B}^{=0}$ (-)0.5 uA $I_{C}^{=0}$ (-)67 (-)88(-)125 uA $I_{C}^{=}(-)5mA$ 70 $V_{J}I_{C}^{=}(-)5mA$ 250 MHz (200) $V_{J}f^{=}1MHz$ 3.7 pF (5.5)
C-E Saturation Voltage C-B Breakdown Voltage C-E Breakdown Voltage	$V_{CE(sat)} I_{C} = (-)10mt$ $V_{(BR)CBO} I_{C} = (-)10mt$ $V_{(BR)CEO} I_{C} = (-)10mt$	$I_{\rm H}=0$ (-)50 V
Marking 2SA1563:RL, 2S	C4047:ZX	

Blectrical Connection



Case Outline 2018A

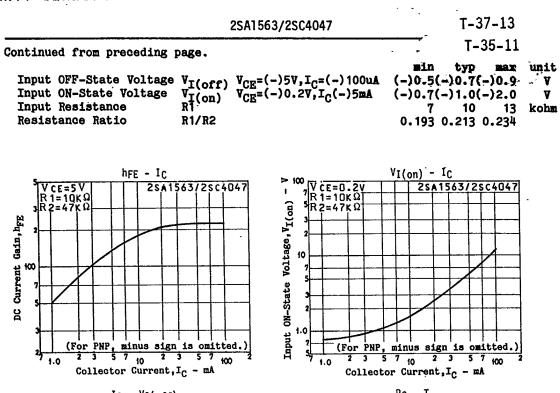




4107TA, TS No. 2380-1/2

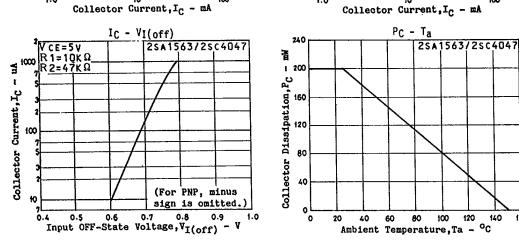
599

SANYO SEMICONDUCTOR CORP 22E D 🔳 7997076 0007347 T 🔳



2

160



600

SANYO SEMICONDUCTOR CORP 22E D 🔳 75

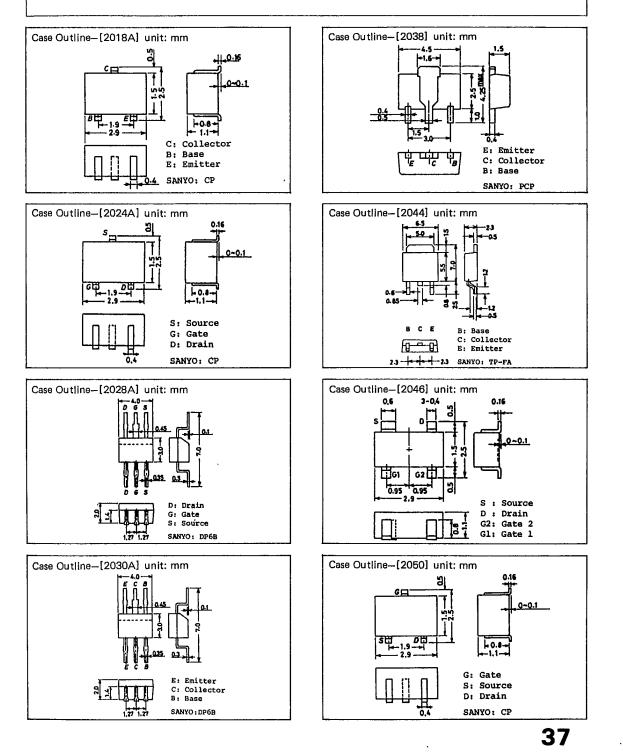
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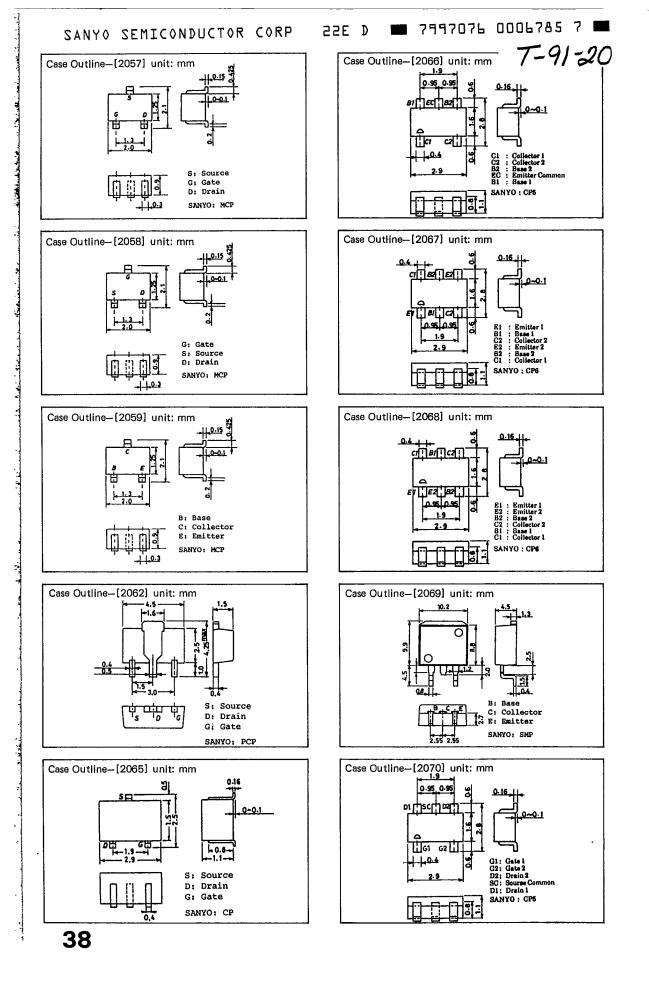
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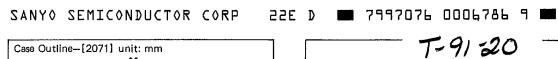
T-91.20

CASE OUTLINES OF SURFACE MOUNT TRANSISTORS

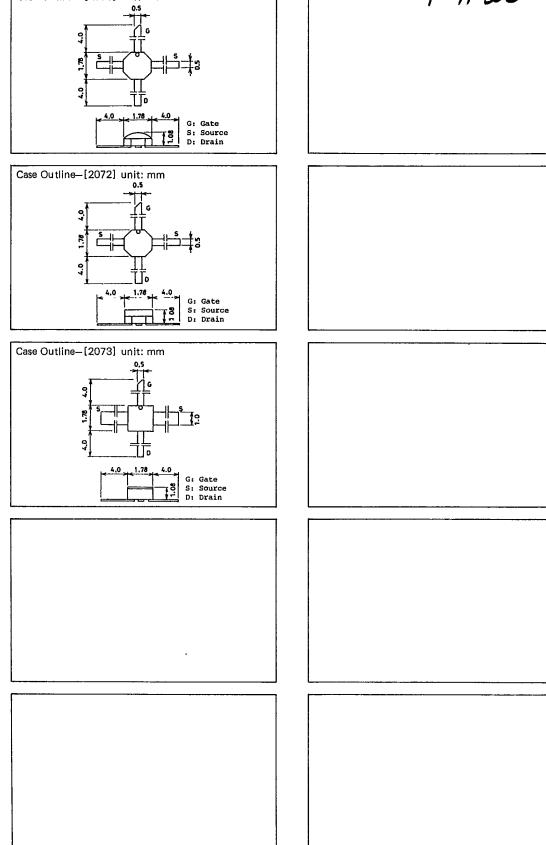
- •All of Sanyo surface mount transistor case outlines are illustrated below.
- ●All dimensions are in mm, and dimensions which are not followed by min.
 - or max. are represented by typical values.
 - •No marking is indicated.







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