

(T-31-23



©493E

- Small-sized color TV chroma use and B/W TV, color TV horizontal deflection driver use.

Absolute Maximum Ratings at Ta=25°C

Collector to Base Voltage	VCBO	300	V
Collector to Emitter Voltage	VCEO	300	V
Emitter to Base Voltage	VEBO	6	V
Collector Current	IC	100	mA
Peak Collector Current	ICP	300	mA
Collector Dissipation	PC	900	mW
Junction Temperature	TJ	150	°C
Storage Temperature	TSTG	-55 to +150	°C

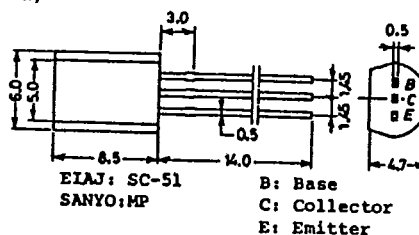
Electrical Characteristics at $T_a=25^{\circ}\text{C}$

			min	typ	max	unit
Collector Cut Off Current	ICBO	V _{CB} =200V, I _E =0			1.0	uA
Emitter Cut Off Current	IEBO	V _{EB} =6V, I _C =0			1.0	uA
DC Current Gain	h _{FE}	V _{CE} =10V, I _C =10mA	40*		200*	
Gain Band Width Product	f _T	V _{CE} =30V, I _C =10mA	50			MHz
Output Capacitance	cob	V _{CB} =10V, f=1MHz			7.5	pF
C-E Saturation Voltage	V _{CE(sat)}	I _C =20mA, I _B =2mA			0.6	V
B-E Saturation Voltage	V _{BE(sat)}				1.0	V

* The 2SC2271 is classified by 10mA h_{FE} as follows.

40	C	80	60	D	120	100	E	200
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Case Outline 2006A
(unit:mm)



The 2SC2271 is scheduled to be discontinued soon. Use the 2SC3468, instead of the 2SC2271, in new applications where you are planning to use the 2SC2271.

4157KI/3195MW, TS No. 493-1/2

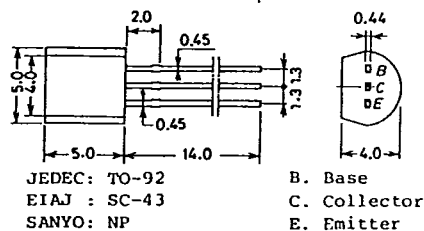
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CASE OUTLINES AND ATTACHMENTS

- All of Sanyo 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.

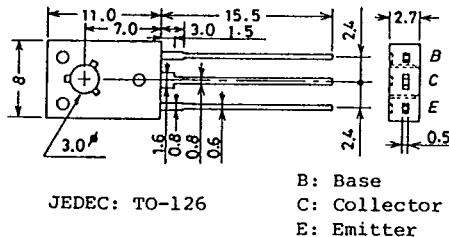
Case Outline—[2003A]

unit:mm



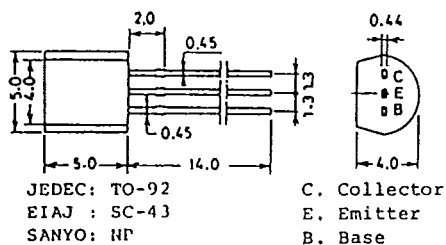
Case Outline—[2009A]

unit:mm



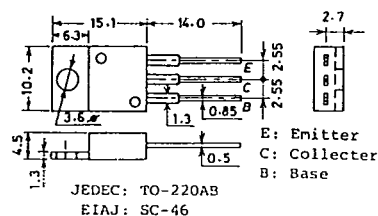
Case Outline—[2004A]

unit:mm



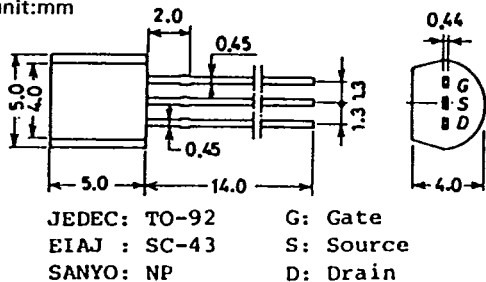
Case Outline—[2010A]

unit:mm



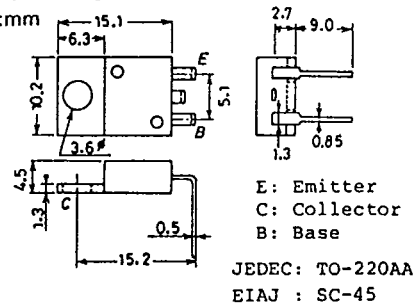
Case Outline—[2005A]

unit:mm



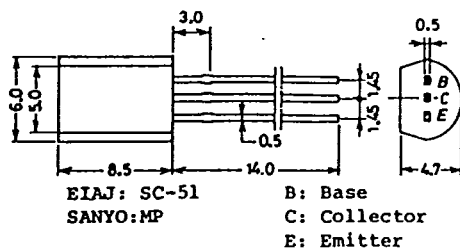
Case Outline—[2012]

unit:mm



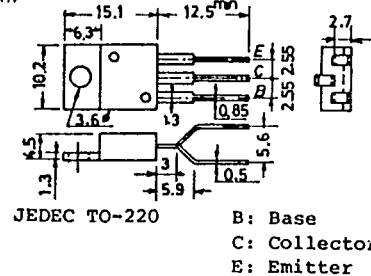
Case Outline—[2006A]

unit:mm

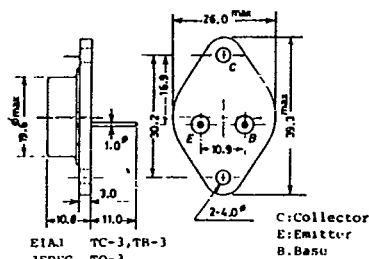


Case Outline—[2013]

unit:mm

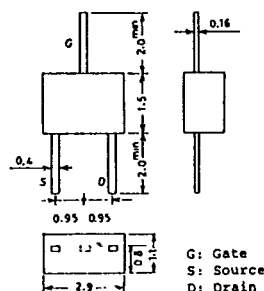


unit:mm

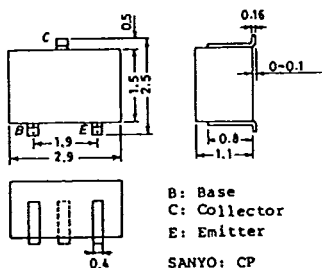


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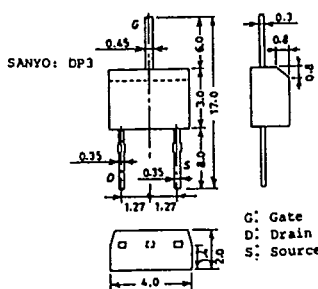
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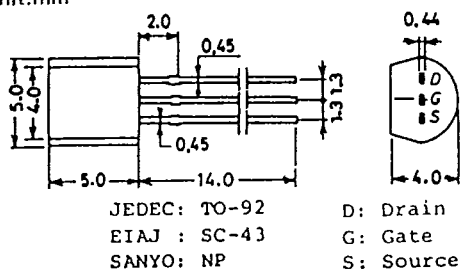
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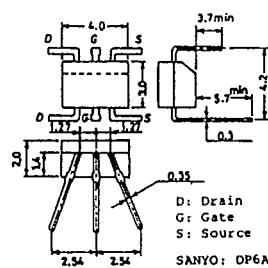
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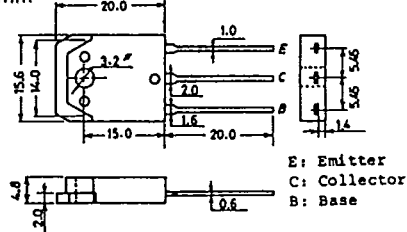
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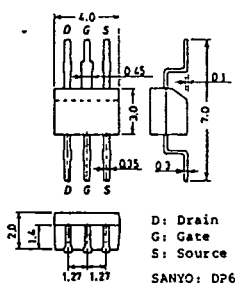
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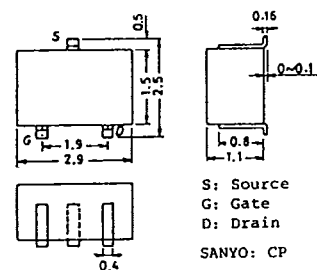
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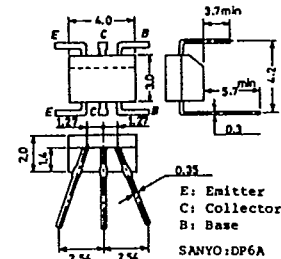
unit:mm



unit:mm



unit:mm



E: Emitter
C: Collector
B: Base

SANYO:DP6B

E: Emitter
C: Collector
B: Base

G1: Catw1
\$: Source
D-r Drain
G2: Gate2
SANYO: Osaka

E: Emitter
C: Collector
B: Base

SANYO:TO3PML

B: Base
C: Collector
E: Emitter
SANYO: SPA

G: Gate
S: Source
D: Drain
SANYO: SPA

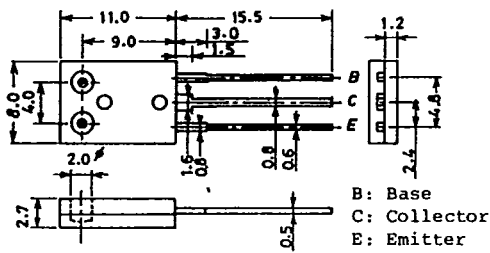
D: Drain
G: Gate
S: Source
SANYO: SPA

SANYO: TO220ML

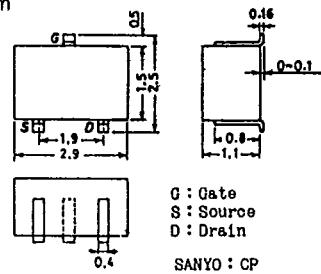
D: Drain
G: Gate
S: Source
SANYO: SP'

SANYO: TO126ML

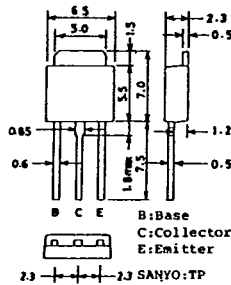
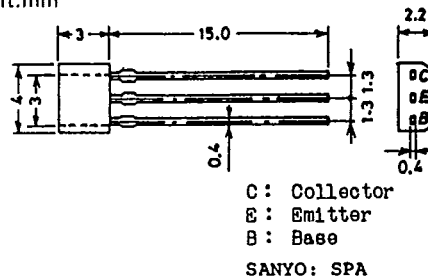
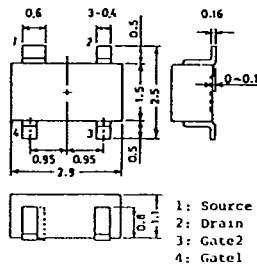
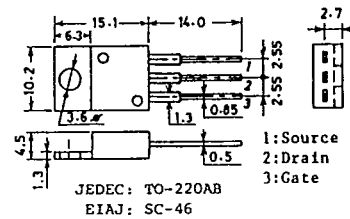
Case Outline—[2043A] unit:mm



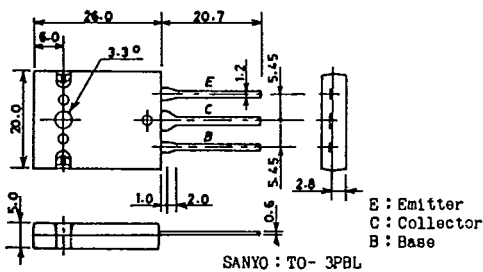
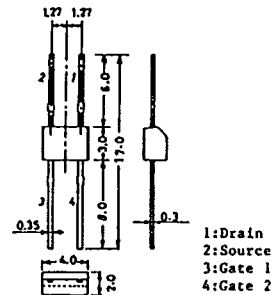
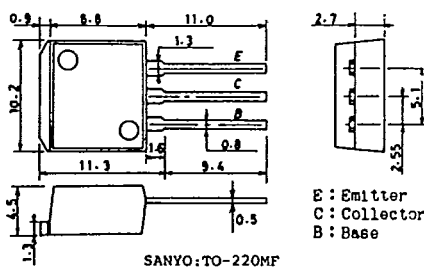
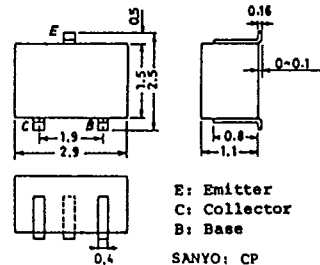
SANYO: TO126LP

Case Outline—[2050]
unit:mm

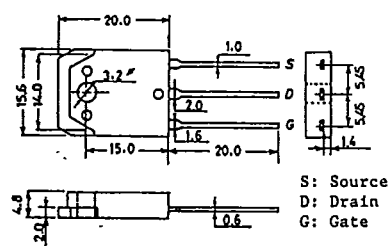
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Case Outline—[2045]
unit:mmCase Outline—[2051]
unit:mmCase Outline—[2046]
unit:mmCase Outline—[2052A]
unit:mm

Case Outline—[2048] unit:mm

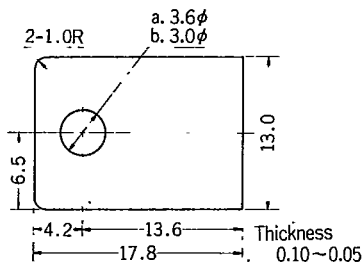
Case Outline—[2053]
unit:mmCase Outline—[2049]
unit:mmCase Outline—[2054]
unit:mm

Case Outline—[2056] unit:mm



SANYO: TO3PB

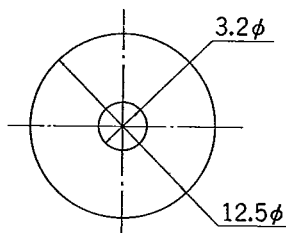
Case Outline—[0008] unit:mm

a. IS-313B
b. IS-313D

SANYO

Case Outline—[0004] unit:mm

unit:mm

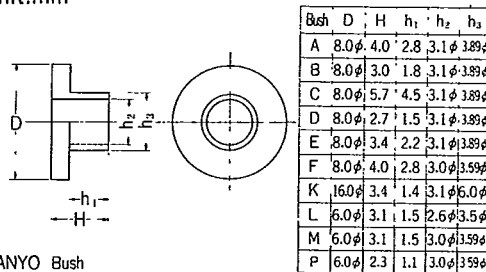


SANYO IS-126

Thickness : 0.075

Case Outline—[0009] unit:mm

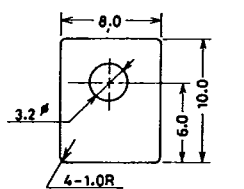
unit:mm



SANYO Bush

Case Outline—[0005] unit:mm

unit:mm

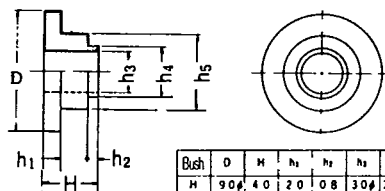


Thickness : 0.075

SANYO IS-126A Mica

Case Outline—[0010] unit:mm

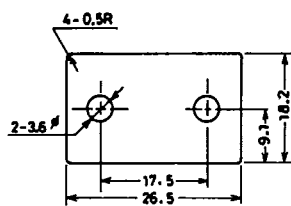
unit:mm



SANYO Bush

Case Outline—[0006] unit:mm

unit:mm

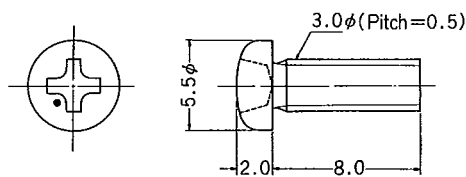


Thickness : 0.05~0.1

SANYO IS-20MA Mica

Case Outline—[0011] unit:mm

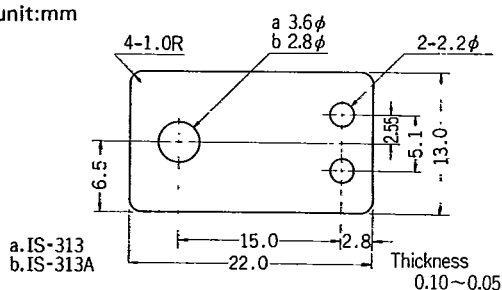
unit:mm



JIS No. B1111 M3×0.5

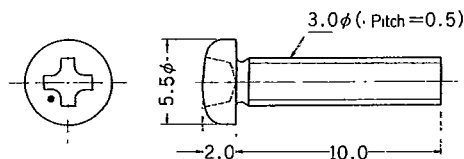
Case Outline—[0007] unit:mm

unit:mm



Case Outline—[0012] unit:mm

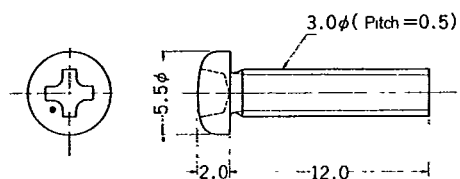
unit:mm



JIS No. B1111 M3×0.5

Case Outline—[0013]

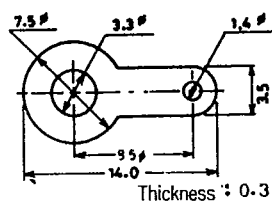
unit:mm



JIS No. B1111 M3×0.5

Case Outline—[0018]

unit:mm

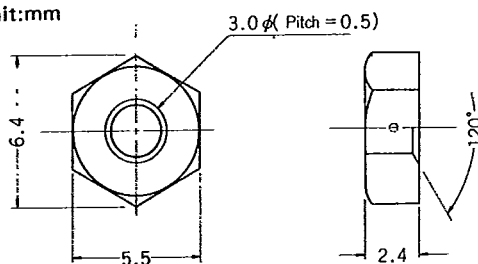


SANYO Lug 1.4

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Case Outline—[0014]

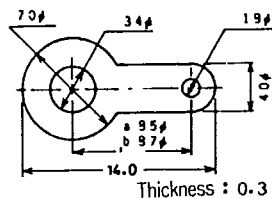
unit:mm



JIS No. B1181 M3×0.5

Case Outline—[0019]

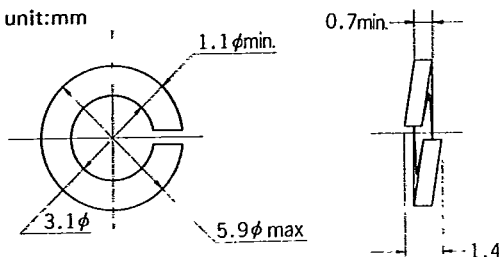
unit:mm



SANYO Lug 1.8φ

Case Outline—[0015]

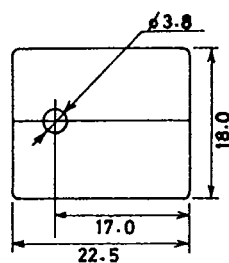
unit:mm



JIS No. B 1251 Spring washer (M3)

Case Outline—[0020]

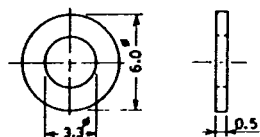
unit:mm



SANYO IS-3MP Mica

Case Outline—[0016]

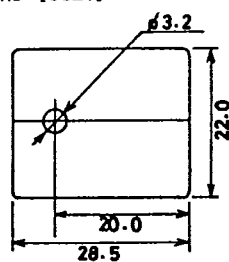
unit:mm



JIS No. B1252 Flat washer

Case Outline—[0021]

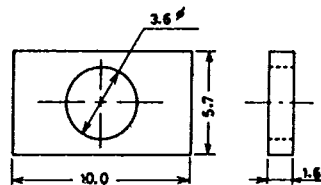
unit:mm



SANYO IS-MPC Mica

Case Outline—[0017]

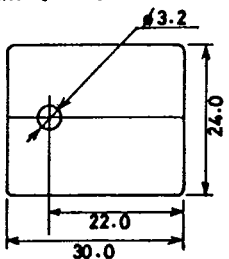
unit:mm



JIS No. G3141 Rectangular washer

Case Outline—[0022]

unit:mm



SANYO IS-3PBL Mica