DMA26603

Silicon PNP epitaxial planar type

For digital circuits

Features

- Contributes to miniaturization of sets, reduction of component count.
- Eco-friendly Halogen-free package

Basic Part Number

Dual DRA2144E (Individual)

Packaging

Embossed type (Thermo-compression sealing): 3000 pcs / reel (standard)

Absolute Maximum Ratings $T_a = 25^{\circ}C$

Parameter	Symbol	Rating	Unit
Collector-base voltage (Emitter open)	V _{CBO}	-50	V
Collector-emitter voltage (Base open)	V _{CEO}	-50	V
Collector current	I _C	-100	mA
Total power dissipation	P _T	300	mW
Junction temperature	Tj	150	°C
Storage temperature	T _{stg}	-55 to +150	°C

Package

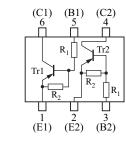
• Code

- Mini6-G4-B
- Pin Name

3: Base (Tr2)

- 1: Emitter (Tr1) 4: Collector (Tr2) 2: Emitter (Tr2)
 - 5: Base (Tr1)
 - 6: Collector (Tr1)
- Marking Symbol: H3

Internal Connection



Resistance value	R ₁	47	kΩ
	R ₂	47	kΩ

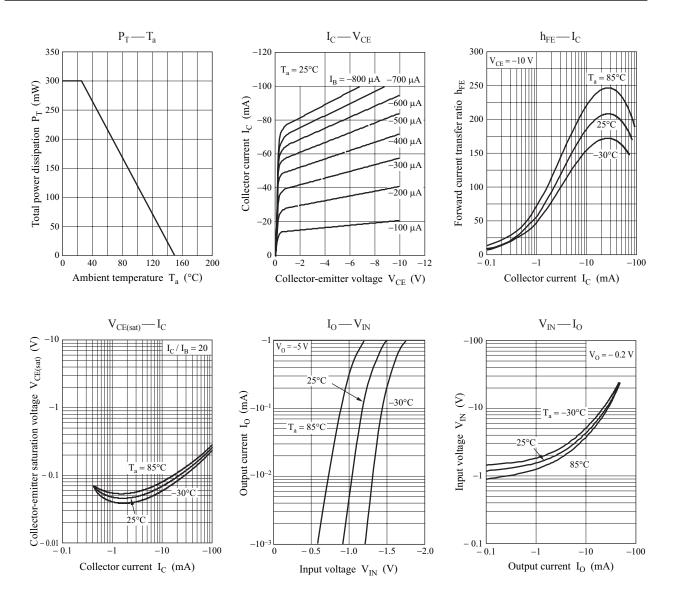
Electrical Characteristics $T_a = 25^{\circ}C \pm 3^{\circ}C$ Parameter Symbol Conditions Min Тур Max Unit $I_{\rm C} = -10 \ \mu A$, $I_{\rm E} = 0$ V Collector-base voltage (Emitter open) V_{CBO} -50Collector-emitter voltage (Base open) $I_{\rm C} = -2 \text{ mA}, I_{\rm B} = 0$ -50V V_{CEO} $V_{CB} = -50 \text{ V}, I_E = 0$ Collector-base cutoff current (Emitter open) -0.1μΑ I_{CBO} Collector-emitter cutoff current (Base open) $V_{CE} = -50 \text{ V}, I_B = 0$ -0.5μA I_{CEO} Emitter-base cutoff current (Collector open) $V_{EB} = -6 V, I_C = 0$ -0.1mА I_{EBO} Forward current transfer ratio $V_{CE} = -10 \text{ V}, I_C = -5 \text{ mA}$ 80 h_{FE} h_{FE} $V_{CE} = -10 \text{ V}, I_C = -5 \text{ mA}$ 0.50 0.99 h_{FE} ratio * (Small/Large) Collector-emitter saturation voltage $I_{\rm C} = -10 \text{ mA}, I_{\rm B} = -0.5 \text{ mA}$ -0.25V V_{CE(sat)} $V_{CE} = -0.2 \text{ V}, I_C = -5 \text{ mA}$ V Input voltage (ON) V_{I(on)} -3.6 V_{I(off)} $V_{CE} = -5 V, I_C = -100 \mu A$ V Input voltage (OFF) -0.8Input resistance R_1 -30% 47 +30%kΩ Resistance ratio R_1 / R_2 0.8 1.0 1.2

Note) 1. Measuring methods are based on JAPANESE INDUSTRIAL STANDARD JIS C 7030 measuring methods for transistors.

2. *: Ratio between 2 elements

DMA26603

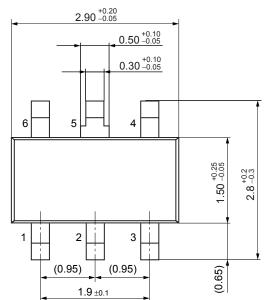
Panasonic

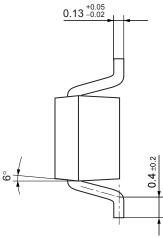


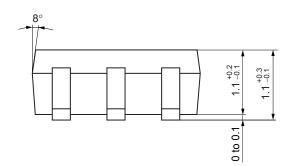
Panasonic

Mini6-G4-B

Unit: mm







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