

## **The Data Book Project**

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# FOR USE BY ELECTRICIANS OVERSEAS :

**最新トランジスタ規格表** (New Transistor Manual) lists all the transistors registered with the Electronic Industries Association of Japan (EIAJ), arranged in a manner easy to look up. We hope that you will make full use of the data provided in this manual by referring to the Japanese-English translation key given below.

型名	社名	用途	構造	最大定格 ( $T_c=25^\circ\text{C}$ )					電 気 的 特 性 ( $T_c=25^\circ\text{C}$ )										外 形	備 考	
				$V_{ce0}$ (V)	$V_{be0}$ (V)	$I_c$ (mA)	$P_c$ (mW)	$T_c$ ( $^\circ\text{C}$ )	$I_{c0}$ 最大値 ( $\mu\text{A}$ )	直流又はパルス $h_{FE}$		バイアス		$h_{FE}$	$h_{ie}$ $h_{ie}^*$ ( $\Omega$ )	$h_{re}$ $h_{re}^*$ ( $\times 10^{-4}$ )	$h_{oe}$ $h_{oe}^*$ ( $\mu\text{S}$ )	$f_{\alpha b}$ $f_{\alpha b}^*$ (Mc)			$C_{ob}$ (pF)
1	2	3	4	5					6		7		8				9	10		11	12

- 1 TYPE NUMBER
- 2 ORIGINAL MANUFACTURER
- 3 USES
- 4 MATERIAL AND STRUCTURE
- 5 MAXIMUM RATINGS
- 6  $I_{CBO}$  MAXIMUM VALUE AND  $V_{CB}$  VALUE (CRITERIA FOR MEASURING  $I_{CBO}$ )
- 7 STANDARD VALUE OF DC/PULSE  $h_{FE}$  AND  $V_{CE}$ ,  $I_C$  (CRITERIA FOR MEASURING DC/PULSE  $h_{FE}$ )
- 8 STANDARD VALUE OF  $h$  PARAMETERS AND BIAS  $V_{CB}$ ,  $I_E$  (CRITERIA FOR MEASURING  $h$  PARAMETERS)

- \* INDICATES VALUE IN GROUNDED-BASE OPERATION, OTHERWISE VALUE IN EMITTER-GROUNDED OPERATION.
- 9  $f_{\alpha b}$  OF RF CHARACTERISTIC, EXCEPT IN CASE OF \* WHICH INDICATES VALUE OF  $f_T$ .
- 10  $C_{ob}$  AND  $r_{bb'}$  OF RF CHARACTERISTICS EXCEPT IN CASE OF \* IN  $r_{bb'}$  COLUMN WHICH INDICATES VALUE OF  $h_{ie}$  (real)
- 11 OUTLINE
- 12 REMARKS

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