

2PD601AW■ Electrical Characteristics $T_a = 25^\circ\text{C}$

Parameter	Symbol	Testconditions	Min	Typ	Max	Unit
Collector cut-off current	I _{CBO}	I _E = 0; V _{CB} = 60 V			10	nA
		I _E = 0; V _{CB} = 60 V; T _j = 150 °C			5	μA
Emitter cut-off current	I _{EBO}	I _C = 0; V _{EB} = 5 V			10	nA
DC current gain 2PD601AQW 2PD601ARW 2PD601ASW	h _{FE}	I _C = 2 mA; V _{CE} = 10 V	160 210 290		260 340 460	
Collector-emitter saturation voltage	V _{CE(sat)}	I _C = 100 mA; I _B = 10 mA; *			500	mV
Collector capacitance	C _c	I _E = i _e = 0; V _{CB} = 10 V; f = 1 MHz			3.5	pF
Transition frequency 2PD601AQW 2PD601ARW 2PD601ASW	f _T	I _C = 2 mA; V _{CE} = 10 V; f = 100 MHz	100 120 140			MHz

* Pulse test: $t_p \leq 300 \mu\text{s}$; $\delta \leq 0.02$.

■ hFE Classification

TYPE	2PD601AQW	2PD601ARW	2PD601ASW
Marking	6D	6E	6F