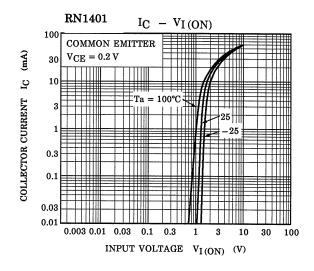
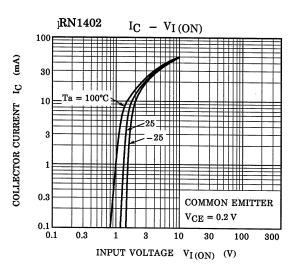
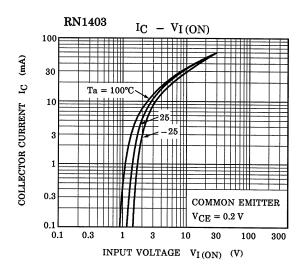


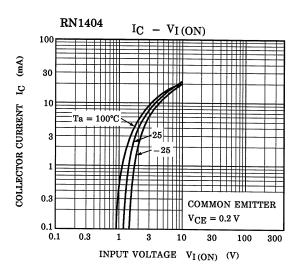
Electrical Characteristics (Ta = 25°C)

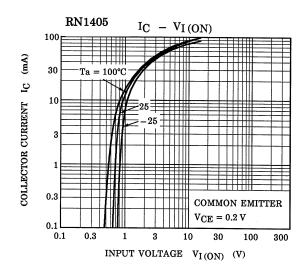
Characteristic		Symbol	Test Circuit	Test Condition	Min	Тур.	Max	Unit
Collector cut-off current	RN1401 to 1406	I _{CBO}		V _{CB} = 50 V, I _E = 0	_	_	100	nA
		I _{CEO}		V _{CE} = 50 V, I _B = 0	_	_	500	
Emitter cut-off current	RN1401	- I _{EBO}	_	V _{EB} = 10 V, I _C = 0	0.82	_	1.52	- mA
	RN1402				0.38	_	0.71	
	RN1403				0.17	_	0.33	
	RN1404				0.082	_	0.15	
	RN1405			V _{EB} = 5 V, I _C = 0	0.078	_	0.145	
	RN1406				0.074	_	0.138	
DC current gain	RN1401	hFE	_	V _{CE} = 5 V, I _C = 10 mA	30	_	_	_
	RN1402				50	_	_	
	RN1403				70	_	_	
	RN1404				80	_	_	
	RN1405				80	_	_	
	RN1406				80	_	_	
Collector-emitter saturation voltage	RN1401 to 1406	V _{CE} (sat)	_	I _C = 5 mA, I _B = 0.25 mA	_	0.1	0.3	V
Input voltage (ON)	RN1401	VI (ON)	_	V _{CE} = 0.2 V, I _C = 5 mA	1.1	_	2.0	V
	RN1402				1.2	_	2.4	
	RN1403				1.3	_	3.0	
	RN1404				1.5	_	5.0	
	RN1405				0.6	_	1.1	
	RN1406				0.7	_	1.3	
Input voltage (OFF)	RN1401 to 1404	V _{I (OFF)}	_	V _{CE} = 5 V, I _C = 0.1 mA	1.0	_	1.5	V
	RN1405, 1406				0.5	_	0.8	
Transition frequency	RN1401 to 1406	f _T	_	V _{CE} = 10 V, I _C = 5 mA	_	250	_	MHz
Collector Output capacitance	RN1401 to 1406	C _{ob}	_	V _{CB} = 10 V, I _E = 0, f = 1 MHz	_	3	6	pF
Input resistor	RN1401		_	_	3.29	4.7	6.11	- kΩ
	RN1402	R1			7	10	13	
	RN1403				15.4	22	28.6	
	RN1404				32.9	47	61.1	
	RN1405				1.54	2.2	2.86	
	RN1406				3.29	4.7	6.11	
Resistor ratio	RN1401 to 1404	R1/R2	_	_	0.9	1.0	1.1	_
	RN1405				0.0421	0.0468	0.0515	
	RN1406				0.09	0.1	0.11	

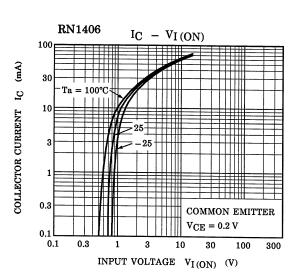


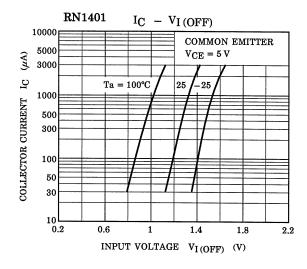


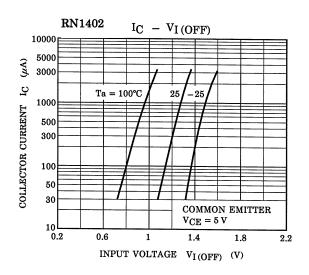


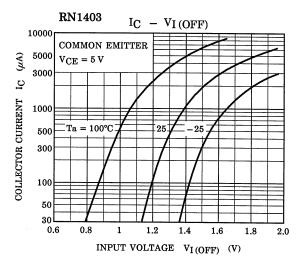


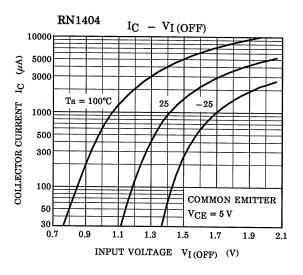


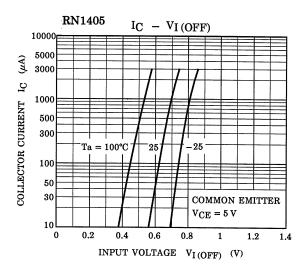


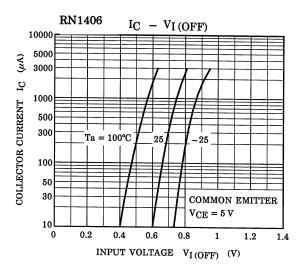


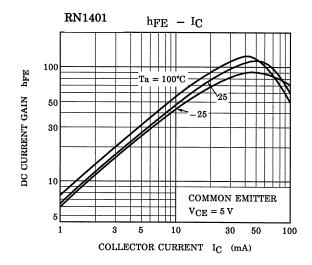


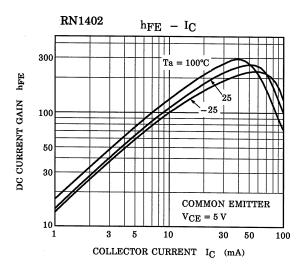


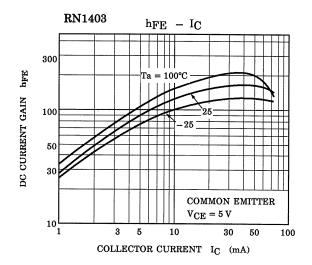


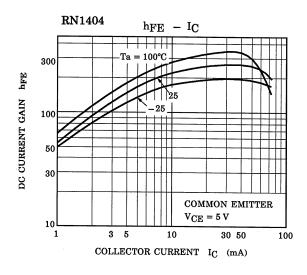


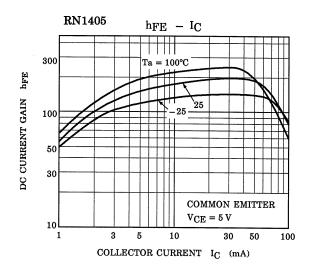


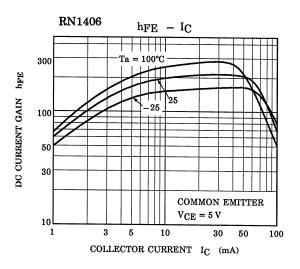


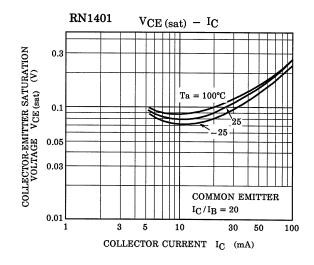


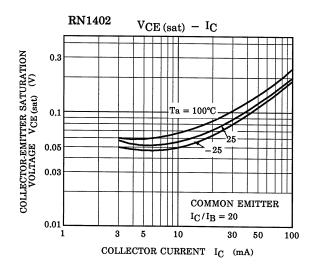


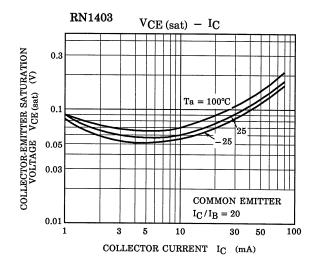


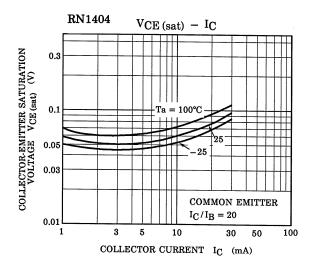


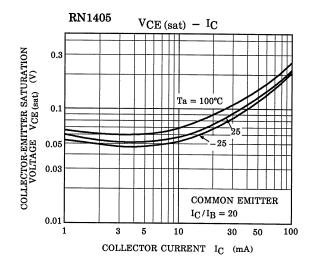


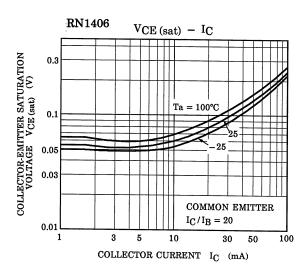












Type Name	Marking
RN1401	Type Name X A
RN1402	Type Name X B
RN1403	Type Name X C
RN1404	Type Name X D
RN1405	Type Name X E
RN1406	Type Name X F

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8

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