PNP Germanium Transistors

PNP Germanium AF Alloy Transistors in TO1 metal case

Common Characteristics f_T (V_{CE} = 6V, I_C = 1mA) **1 MHz** Cob (V_{CB} = 6V, I_E = 0) **40 pF** *** Low Noise Types**

Type	Maximum ratings						Characteristics at T_{amb} = 25°C					
	BV_{CEO} V	BV_{CBO} V	BV_{EBO} V	I_{CM} A	P_{TOT} W	T_{JM} °C	h_{FE} (V_{CE}/I_C) (V/mA)		$V_{CE\ sat}$ V	(I_C/I_B) (mA/mA)	max I_{CBO} µA	(V_{CB}) (V)
AC 107N*	—	15	5	—	0.08	75	35 ... 160	(5/0.3)	—		—	
ACY 27	20	40	30	—	0.2	90	20 ... 55	(12/1)[1]	<0.3	(20/1)	12	(30)
ACY 28	15	40	30	—	0.2	90	45 ... 150	(12/1)[1]	<0.2	(20/0.6)	12	(30)
ACY 29*	15	40	30	—	0.2	90	45 ... 150	(12/1)[1]	—		12	(30)
ACY 30	20	40	40	—	0.2	90	60 ... 200	(12/1)[1]	<0.3	(125/4)	12	(30)
ACY 31	–	40	20	—	0.2	90	35 ... 70	(12/1)[1]	<0.3	(20/1)	5	(12)
ACY 34	10	30	10	—	0.2	90	20 ... 40	(12/1)[1]	—		12	(30)
ACY 35	10	30	10	—	0.2	90	30 ... 75	(12/1)[1]	—		12	(30)
ACY 36	16	32	10	—	0.2	90	30 ... 90	(0/80)	—		12	(30)
ASY 50	10	20	20	—	0.2	90	15 ... 80	(0/5)	—		12	(20)
OC 65	10	10	10	0.01	0.025	65	30	(2/4)	—		12	(4.5)
OC 66	10	10	10	0.01	0.025	65	50	(2/4)	—		12	(4.5)
OC 70	10	30	10	0.01	0.125	75	20 ... 40	(2/0.5)[1]	<0.33	(9/0.5)	13	(4.5)
OC 71	10	30	10	0.01	0.125	75	41	(2/1)[1]	<0.21	(9/0.5)	13	(4.5)
OC 72	16	32	10	0.125	0.125	75	45 ... 120	(5.4/10)	<0.3	(125,12.5)	10	(10)
OC 73	16	32	20	0.01	0.125	75	30 ... 65	(10/0.5)[1]	<0.21	(9/0.5)	6	(4.5)
OC 74	—	20	5	0.3	0.22	90	60 ... 150	(6/50)	<0.4	(300/30)	20	(9)
OC 75	10	30	10	0.01	0.125	75	60 ... 130	(2/3)[1]	<0.21	(9/0.5)	14	(4.5)
OC 76	16	32	10	0.125	0.125	75	>45	(5.4/10)	<0.3	(125/12.5)	10	(10)
OC 77	15	60	10	0.125	0.125	75	>45	(5.4/10)	<0.3	(125/12.5)	10	(10)
OC 78	—	20	10	0.2	0.2	90	>20	(1/125)	—		10	(10)
OC 81DN	—	32	10	0.25	0.2	85	>20	(6/2)	—		10	(10)
OC 81N	—	32	10	0.5	0.2	85	50 ... 250	(1.5/50)	—		10	(10)
OC 83N	20	32	10	1.0	0.22	90	40 ... 200	(1/300)	<0.5	(300/9)	10	(10)
OC 84N	20	32	10	1.0	0.22	90	50 ... 160	(1/300)	<0.5	(300/9)	10	(10)
NKT 210	30	45	10	0.5	0.2	90	50 ... 150	(0/25)	<0.5	(300/30)	10	(10)
NKT 211	30	32	10	1.0	0.2	90	50 ... 150	(0/300)	<0.5	(300/30)	10	(10)
NKT 212	—	32	10	0.5	0.2	90	50 ... 150	(0/50)	<0.15	(50/5)	10	(10)
NKT 213	—	32	10	0.25	0.2	90	50 ... 130	(4.5/1)[1]	<0.2	(25/2.5)	10	(10)
NKT 214	—	32	10	0.25	0.2	90	30 ... 75	(4.5/1)[1]	<0.2	(25/2.5)	10	(10)
NKT 215	—	32	10	0.25	0.2	90	15 ... 45	(4.5/1)[1]	<0.2	(25/2.5)	10	(10)
NKT 216*	—	32	10	0.25	0.2	90	15 ... 45	(4.5/1)[1]	<0.2	(25/2.5)	10	(10)
NKT 217	40	60	10	0.5	0.2	90	50 ... 150	(0/25)	<0.5	(300/6)	10	(10)
NKT 218	—	32	10	1.0	0.2	90	50 ... 250	(0/300)	<0.5	(300/30)	10	(10)
NKT 219	—	32	10	0.25	0.2	90	82 ... 250	(4.5/1)[1]	<0.2	(25/2.5)	10	(10)
NKT 271	—	15	5	0.5	0.2	90	50 ... 250	(1.5/50)			10	(10)
NKT 272	—	15	5	0.25	0.2	90	35 ... 90	(4.5/1)[1]	—		10	(10)
NKT 273	—	15	5	0.5	0.2	90	>25	(1.5/200)	—		10	(10)
NKT 274	—	15	5	0.25	0.2	90	82 ... 250	(4.5/1)[1]	—		10	(10)
NKT 275	—	15	5	0.25	0.2	90	30 ... 90	(4.5/1)[1]	—		10	(10)

1 h_{fe} (f = 1kHz)

2 For 'V_{CE} = 0' read 'V_{CB} = 0'