

**2N6107 PLASTIC FAMILY [p-n-p] (silicon) [cont'd]**  
 $f_T = 10 \text{ MHz min}; P_T = 40 \text{ W max}$

**DESCRIPTION**

**AUDIO TYPES**

- 40876 Output, 25-W Full-Comp. Univ. Amplifier
- 40874 General Purpose

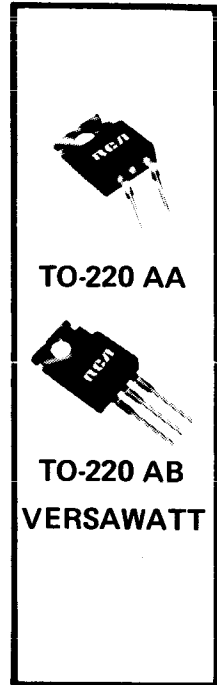
$V_{CE(sus)}$ V	$V_{CER(sus)}$ V	$V_{CEV(sus)}$ V	$h_{FE}$		$I_{CER} - \text{mA}$			$V_{CE(sat)} - \text{V}$			$V_{BE} - \text{V}$		
			$I_C$ A	$V_{CE}$ V	Temp. $-^{\circ}\text{C}$ 25	150	$V_{CE}$ V	$I_C$ A	$I_B$ A	$I_C$ A			
-50	-60	-	20-120	-3	-4	-1	-	-50	-1	-3	-0.3	-1.5	-3
-70	-80	-	30-150	-2	-4	-1	-	-70	-1	-2	-0.2	-1.5	-2

**OTHER TYPES**

- BD240 Epitaxial-Base, TO-220 AB
- BD240A Epitaxial-Base, TO-220 AB
- BD240B Epitaxial-Base, TO-220 AB
- BD240C Epitaxial-Base, TO-220AB
- BD242 Epitaxial-Base, TO-220AB
- BD242A Epitaxial - Base, TO220 AB
- BD242B Epitaxial - Base, TO-220 AB
- BD242C Epitaxial - Base, TO-220 AB
- BD244 Epitaxial - Base, TO220 AB
- BD244A Epitaxial-Base, TO-220 AB
- BD244B Epitaxial - Base, TO220 AB
- BD244C Epitaxial - Base, TO-220 AB

-45	-	-	15	-1	-4	-0.2†	-	-45	-0.7	-1	-0.2	-1.3	-1
-60	-	-	15	-1	-4	-0.2†	-	-60	-0.7	-1	-0.2	-1.3	-1
-80	-	-	15	-1	-4	-0.2†	-	-80	-0.7	-1	-0.2	-1.3	-1
-100	-	-	15	-1	-4	-0.2†	-	-100	-0.7	-1	-0.2	-1.3	-1
-45	-	-	10	-3	-4	-0.2†	-	-45	-1.2	-3	-0.6	-1.8	-3
-60	-	-	10	-3	-4	-0.2†	-	-60	-1.2	-3	-0.6	-1.8	-3
-80	-	-	10	-3	-4	-0.2†	-	-80	-1.2	-3	-0.6	-1.8	-3
-100	-	-	10	-3	-4	-0.2†	-	-100	-1.2	-3	-0.6	-1.8	-3
-45	-	-	15	-3	-4	-0.4†	-	-45	-1.5	-6	-1.00	-2	-6
-60	-	-	15	-3	-4	-0.4†	-	-60	-1.5	-6	-1.00	-2	-6
-80	-	-	15	-3	-4	-0.4†	-	-80	-1.5	-6	-1.00	-2	-6
-100	-	-	15	-3	-4	-0.4†	-	-100	-1.5	-6	-1.00	-2	-6

● At  $V_{CE} = -30 \text{ V}$  ▲ At  $V_{CE} = -50 \text{ V}$  ■ At  $V_{CE} = -70 \text{ V}$  \* $I_{CEO}$  † $I_{CES}$



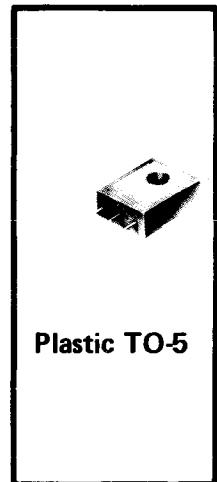
**2N TYPES**

- 2N6175 High Frequency, Fast Switch
- 2N6176 High Frequency, Fast Switch
- 2N6177 High Frequency, Fast Switch

**2N6177 PLASTIC FAMILY [n-p-n] (silicon)**  
 $f_T = 20 \text{ MHz min}; P_T = 20 \text{ W max}$

250	300 ●	-	30-190	0.02	10	500 ■	-	300	0.5	0.05	0.004	1.3	0.05
300	350 ●	-	30-150	0.02	10	500 ■	-	300	0.5	0.05	0.004	1.3	0.05
350	400 ●	-	30-150	0.05	10	500 ■	-	450	0.5	0.05	0.004	1.3	0.05

●  $V_{CBO}$  ■  $I_{CEV}$



**2N TYPES**

- 2N6179 NPN Complement of 2N6181
- 2N6178 NPN Complement of 2N6180

**2N6178 PLASTIC FAMILY [n-p-n] (silicon)**  
 $f_T = 50 \text{ MHz min}; P_T = 25 \text{ W max}$

50	65	75	40-250	0.5	4	1 ●	-	45	0.8	0.5	0.05	1.5	0.5
75	90	100	30-130	0.5	4	1 ●	-	60	0.5	0.5	0.05	1.2	0.5

●  $I_{CEO}$