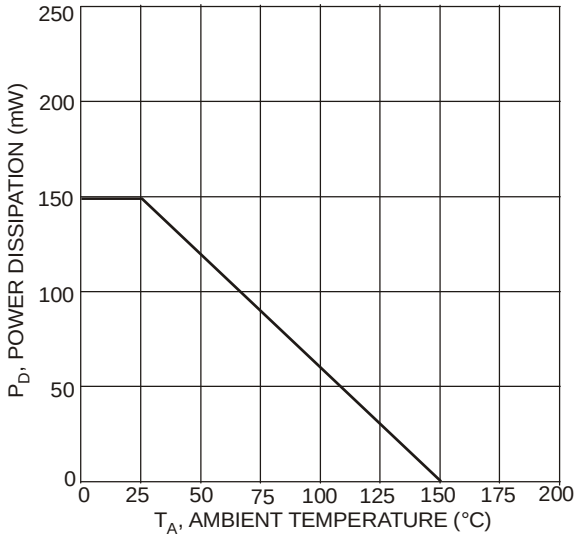



Fig. 1, Max Power Dissipation vs. Ambient Temperature

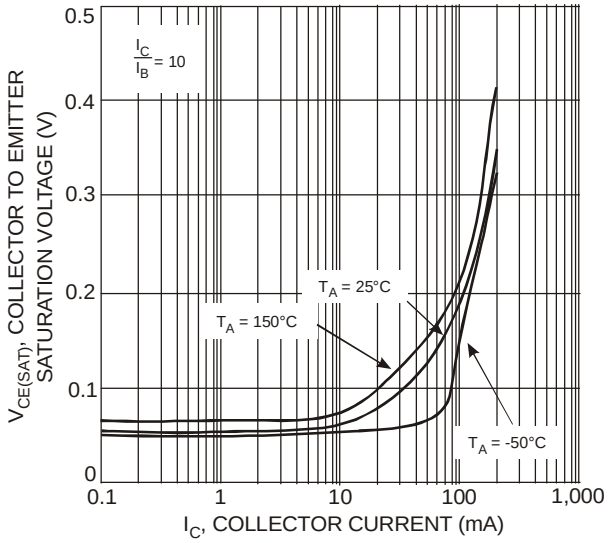



Fig. 2, Collector Emitter Saturation Voltage vs. Collector Current

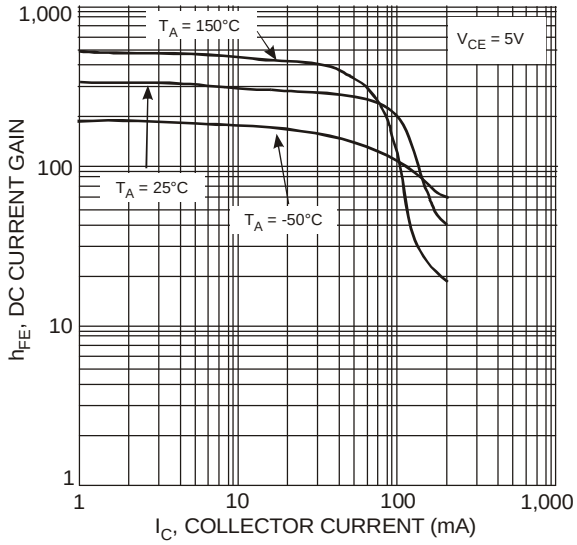



Fig. 3, DC Current Gain vs. Collector Current

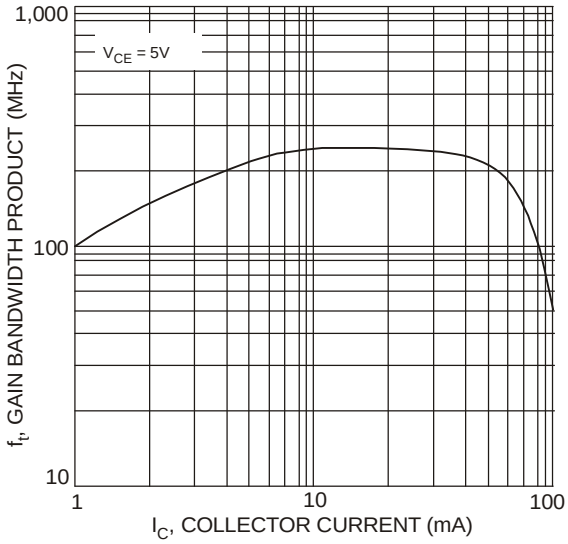


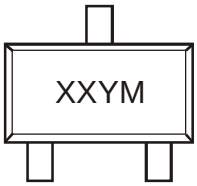

Fig. 4, Gain Bandwidth Product vs. Collector Current

## Ordering Information (Note 6)

| Device | Packaging | Shipping |
|---|---|---|
| BC857AT-7-F | SOT-523 | 3000/Tape & Reel |
| BC857BT-7-F | SOT-523 | 3000/Tape & Reel |
| BC857CT-7-F | SOT-523 | 3000/Tape & Reel |

Notes: 6. For packaging details, go to our website at http://www.diodes.com/datasheets/ap02007.pdf.

## Marking Information




XX = Product Type Marking Code (See Page 1), e.g. 3V = BC857AT
YM = Date Code Marking
Y = Year (ex: N = 2002)
M = Month (ex: 9 = September)

Date Code Key

| Year | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Code | J | K | L | M | N | P | R | S | T | U | V | W | X | Y | Z |

| Month | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Code | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | O | N | D |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