



# BC846AW THRU BC848CW

## vElectrical Characteristics 7D XQOHVV RWKHUZLVH QRWHG

| Parameter  | Symbol | Test conditions                           | Min   | Max   | Unit     |
|--|--------|---|-------|-------|----------|
| &ROOHFWRU EDVH EUHDNGRZQ YROWDJH<br>% & 9&%2<br>% &<br>% &                   |        | % & — \$ , (                              |       |       |          |
| &ROOHFWRU HPLWWHU EUHDNGRZQ YROWDJH<br>% &<br>% &                            | 9&(2   | % & P \$ , %                              |       |       |          |
| (PLWWHU EDVH EUHDNGRZQ YROWDJH—\$ , &  |        |   |       |       | 9        |
| &ROOHFWRU EDVH FXW RII FXUUHQW<br>% &<br>% &                                 | ,&%2   | 9 & %<br>9 & %<br>9 & %                   | 9 , ( |       | - \$     |
| &ROOHFWRU HPLWWHU RII FXUUHQW<br>% &<br>% &                                  | ,&(2   | 9 & ( 9 , %<br>9 & ( 9 , %<br>9 & ( 9 , % |       |       | - \$     |
| (PLWWHU EDVH FXW RII FXUUHQW 9 (% 9 , &                                      |        |   |       |       | - \$     |
| ' & FXUUHQW JDLQ<br>% & \$ : \$ : \$ :<br>% & % : % : % :<br>% & & : % & & : | K(     | 9 & ( 9 , & P \$                          |       |       |          |
| &ROOHFWRU HPLWWHU VDWXUDW&RQ P \$ , P \$ 9                                   |        |   |       |       | 9        |
| % DVH HPLWWHU RII VDWXUDW&RQ P \$ , P \$ 9                                   |        | , & 9 P \$ , % P \$                       |       |       | 9        |
| 7UDQVLWLRQ IUHTXHQF\ 7   |        | 9 & ( 9 , & P \$<br>1 10+]                |       |       | 0+]      |
| &ROOHFWRU EDVH RXWSXW FDSDFLWDQFH  |        |   | & RE  | 9 & % | 9 1 0\$] |

## vOrdering Information ([DP SOH

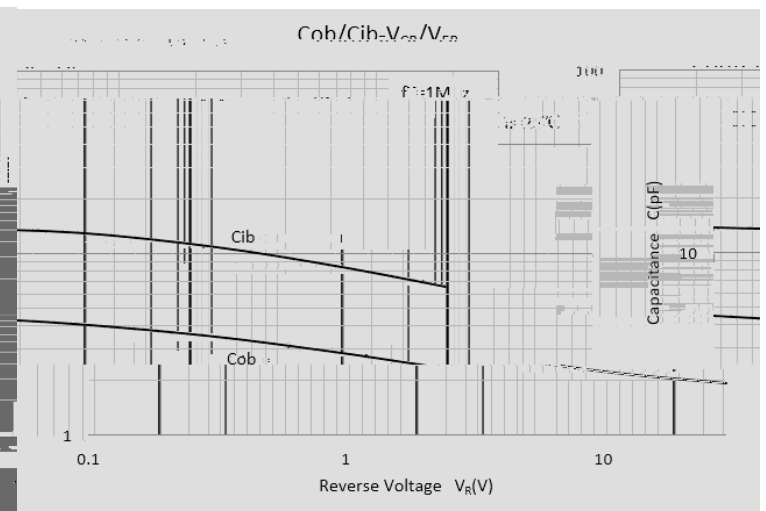
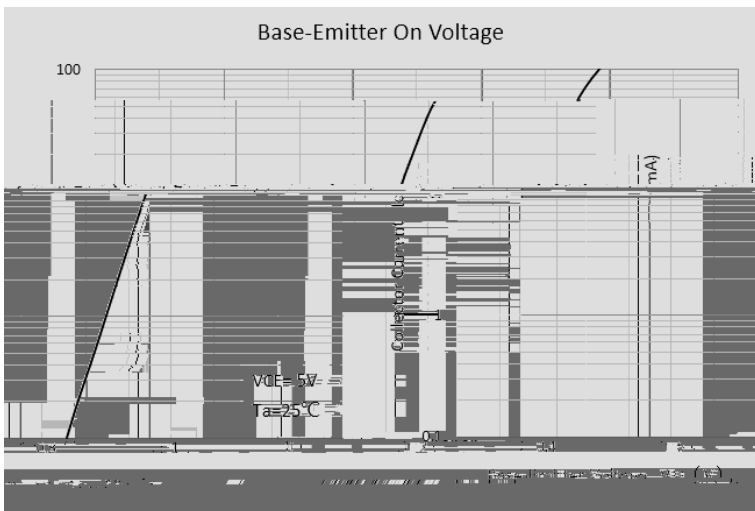
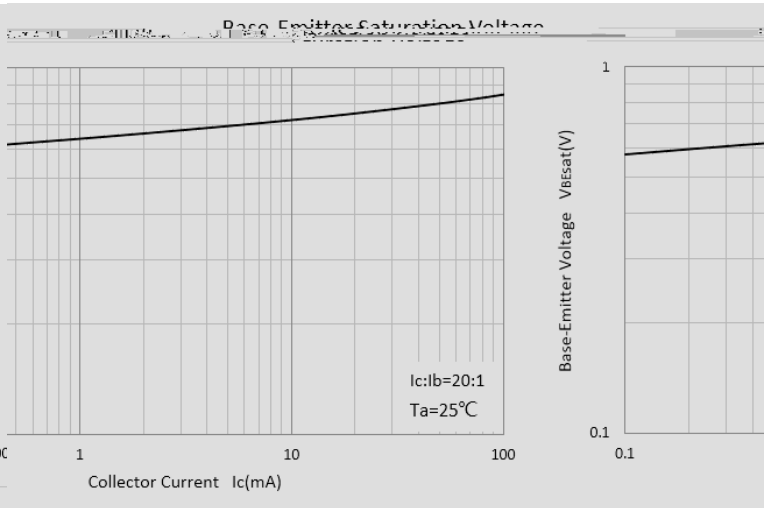
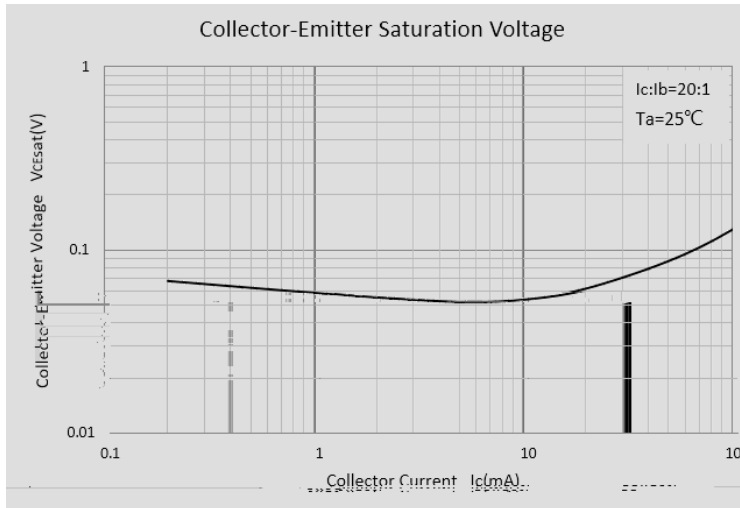
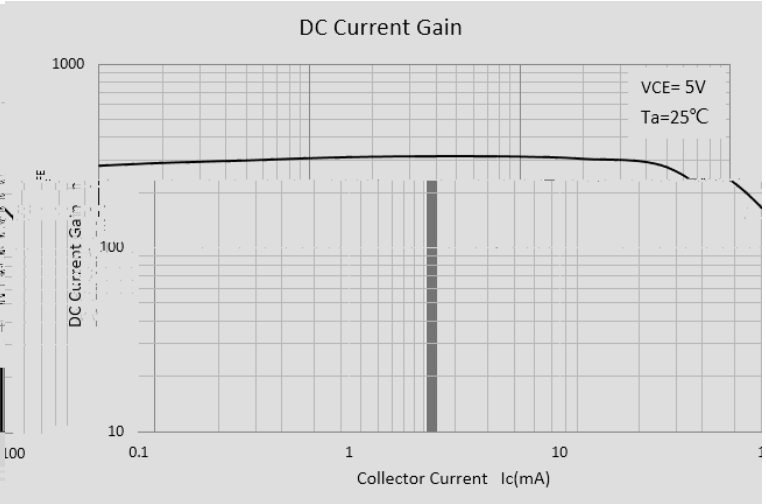
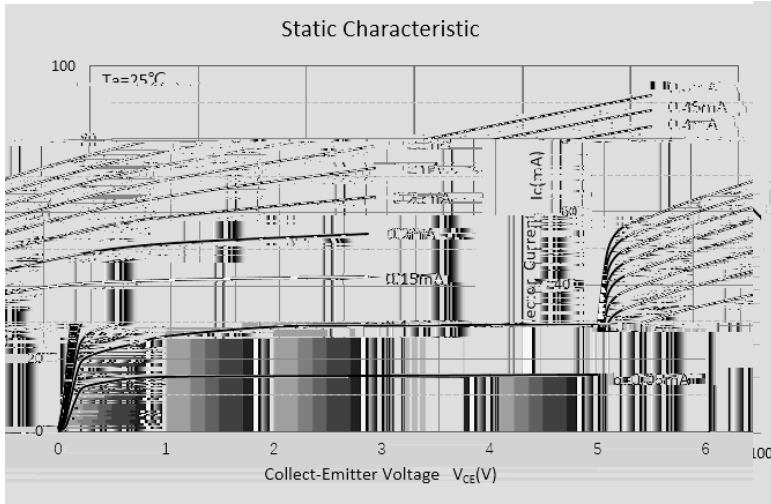
| PREFERRED P/N     | PACKING CODE | UNIT WEIGHT(g) | MINIMUM PACKAGE(pcs) | INNER BOX QUANTITY(pcs) | OUTER CARTON QUANTITY(pcs) | DELIVERY MODE |
|-------------------|--------------|----------------|----------------------|-------------------------|----------------------------|---------------|
| % & \$ : 7+58 % & | & : )        | \$SSUR[LPDWH   |                      |                         |                            | H HO          |

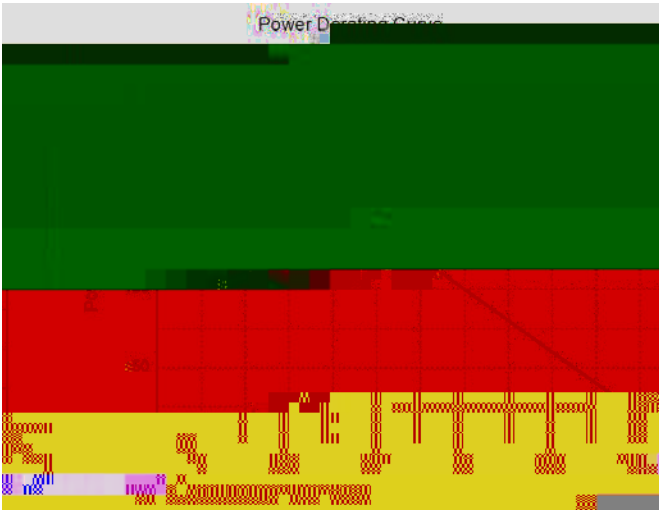


# BC846AW THRU BC848CW

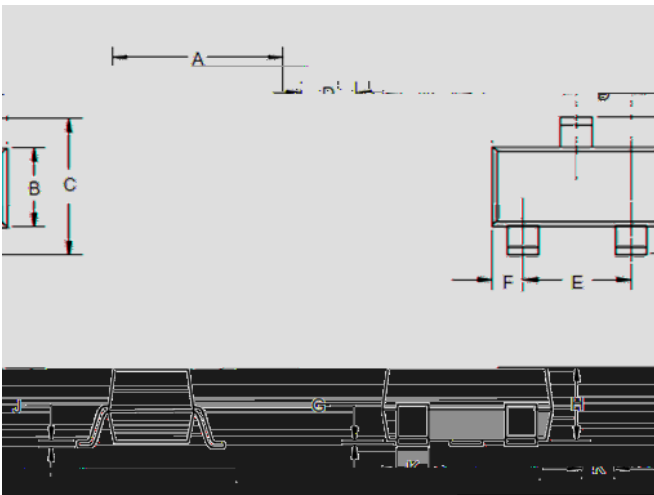


## Characteristics(Typical)



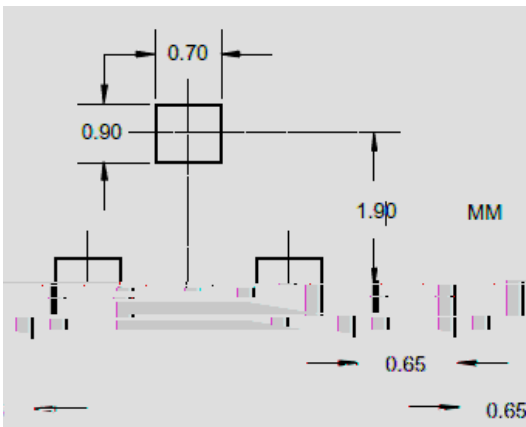


## V SOT-323 Package Outline Dimensions



| DIMENSIONS |              |      |             |      |      |
|------------|--------------|------|-------------|------|------|
| DIM        | INCHES       |      | MM          |      | NOTE |
|            | MIN          | MAX  | MIN         | MAX  |      |
| A          | .071         | .087 | 1.80        | 2.20 |      |
| B          | .025         | .030 | .65         | .75  |      |
| C          | .025         | .030 | .65         | .75  |      |
| D          | .026 Nominal |      | .65 Nominal |      |      |
| E          | .047         | .055 | 1.20        | 1.40 |      |
| F          | .025         |      | .65         |      |      |
| G          | .025         |      | .65         |      |      |
| H          | .035         | .50  | .90         | 1.00 |      |
| J          | .014         | .020 | .35         | .50  |      |

## SOT-323 Soldering Footprint





Disclaimer

The information presented in this document is for reference only. Yangn Hou Yang ^ ie Electronic Technology Co " ě Ltd reserves the right to make changes without notice for the specification of the products displayed herein to improve reliability, function, design or otherwise.

The product listed herein is designed to be used with ordinary electronic equipment or devices and not designed to be used with equipment or devices which require high level of reliability, malfunction of which could directly endanger human life (such as medical instruments, transportation equipment, aerospace machinery, nuclear-reactor controls, fuel control systems and other safety devices). Yang ^ ie or anyone on its behalf assumes no responsibility for any damages resulting from such improper use of sale.

This publication supersedes and replaces all information previously supplied. For additional information, please visit our website <http://www.yangn-hou.com> or consult your nearest sales office for further assistance.