

BKC INTERNATIONAL ELECTRONICS, INC.
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ENGINEERING DATA SHEET

TYPES

BKCR120, BKCR130, BKCR140

LEADLESS SCHOTTKY RECTIFIERS 1A, 20-40 VOLTS

| ABSOLUTE MAXIMUM RATINGS | BKCR120 | BKCR130 | BKCR140 |
|---|---------------------------------|---------|---------|
| NON-REPETITIVE PEAK REVERSE VOLTAGE | 20V | 30V | 40V |
| AVERAGE RECTIFIED FORWARD CURRENT | -----1A----- | | |
| NON-REPETITIVE PEAK SURGE CURRENT | -----25A----- | | |
| OPERATING JUNCTION & STORAGE TEMP. | -65 TO +150 DEGREES CELSIUS | | |
| THERMAL RESISTANCE, JUNCTION TO END CAP | ---- 40 TYPICAL 65 MAX C/W ---- | | |

CHARACTERISTICS

| PARAMETER | VF | VF | IR | IR |
|-----------|-------|-------|-------|------|
| COND | 1A | 1A | * | * |
| TA | 25C | 125C | 25C | 125C |
| LIMITS | | | | |
| MAX. | .690V | .650V | 100uA | 10mA |

*VR=20V FOR BKCR120, VR=30V FOR BKCR130, VR=40V FOR BKCR140.

PACKAGE CONFIGURATION

GLASS CASE 362B-01
 (INCHES)

| | |
|---------------------|--------------|
| GLASS SLEEVE LENGTH | .145 TO .179 |
| OVERALL LENGTH | .189 TO .205 |
| BODY DIAMETER | .094 TO .102 |

MARKING

BLACK CATHODE BAND