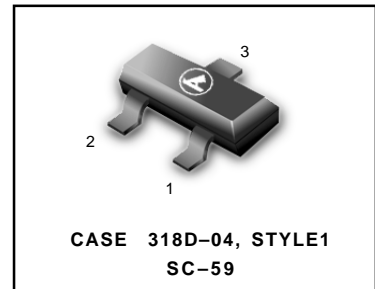
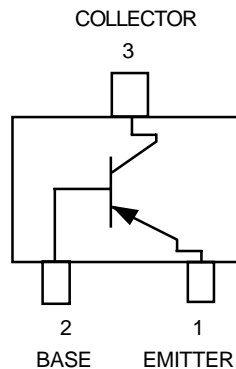


# PNP General Purpose Amplifier Transistor Surface Mount

**MSB710-RT1**



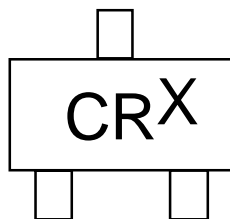
### MAXIMUM RATINGS ( $T_A = 25^\circ\text{C}$ )

| Rating                         | Symbol        | Value | Unit |
|--------------------------------|---------------|-------|------|
| Collector-Base Voltage         | $V_{(BR)CBO}$ | -60   | Vdc  |
| Collector-Emitter Voltage      | $V_{(BR)CEO}$ | -50   | Vdc  |
| Emitter-Base Voltage           | $V_{(BR)EBO}$ | -7.0  | Vdc  |
| Collector Current - Continuous | $I_C$         | -500  | mAdc |
| Collector Current - Peak       | $I_{C(P)}$    | -1.0  | Adc  |

### THERMAL CHARACTERISTICS

| Characteristic       | Symbol    | Max        | Unit             |
|----------------------|-----------|------------|------------------|
| Power Dissipation    | $P_D$     | 200        | mW               |
| Junction Temperature | $T_J$     | 150        | $^\circ\text{C}$ |
| Storage Temperature  | $T_{stg}$ | -55 ~ +150 | $^\circ\text{C}$ |

### DEVICE MARKING



The "X" represents a smaller alpha digit Date Code. The Date Code indicates the actual month in which the part was manufactured.