

TO-202

PLASTIC PACKAGE TRANSISTORS (PNP)

| Type No. | Maximum Ratings | | | Electrical Characteristics | | | | | | (Ta=25°C, Unless Otherwise Specified) | | | | | | | |
|----------|-------------------------|-------------------------|-------------------------|----------------------------|------------------------|-----------------|--|--|------------------------|---------------------------------------|-------------------------|------------------------|--------------------------------|----|-----|--------|--------|
| | V _{CBO} (V) | V _{ECO} (V) | V _{EBO} (V) | I _{CBO} (μA) | V _{CB} (V) | h _{FE} | I _C & V _{CE} (mA) (V) | V _{CE(Sat)} & V _{BE(Sat)} (V) | I _C (mA) | C _{ob} (pF) | f _T (MHz) | I _C (mA) | C _{Oil} Case Style | | | | |
| | Min | Min | Min | Max | | Min | Max | Max | Min | Max | Max | Min | Max | | | | |
| BD818 | 100 | 80 | 5.0 | | | 40 | 250 | 150.0 | 2 | 0.6 | | 1000 | | 3 | | TO-202 | |
| BD830 | 100 | 80 | 5.0 | 0.1 | 30 | 25 | | 5.0 | 2 | 0.5 | | 500 | | 75 | 50 | TO-202 | |
| | | | | | | 40 | 250 | 150.0 | 2 | | | | | | | | |
| | | | | | | 25 | | 500.0 | 2 | | | | | | | | |
| BD844 | 100 | 80 | 5.0 | | | 25 | | 5.0 | 2 | 0.8 | | 1000 | | 50 | | TO-202 | |
| | | | | | | 25 | | 1000.0 | 2 | | | | | | | | |
| | | | | | | 40 | 250 | 150.0 | 2 | | | | | | | | |
| CSA743A | 80 | 80 | 5.0 | 5.0 | 50 | 60 | 200 | 50.0 | 4 | 1.5 | | 1000 | 30 | 75 | 120 | 30 | TO-202 |
| | | | | | | 20 | | 1000.0 | 4 | | | | | | | | |
| BD816 | 60 | 60 | 5.0 | | | 40 | 250 | 150.0 | 2 | 0.6 | | 1000 | | 3 | | TO-202 | |
| BD828 | 60 | 60 | 5.0 | 0.1 | 30 | 25 | | 5.0 | 2 | 0.5 | | 500 | | 75 | 50 | TO-202 | |
| | | | | | | 40 | 250 | 150.0 | 2 | | | | | | | | |
| | | | | | | 25 | | 500.0 | 2 | | | | | | | | |
| BD842 | 60 | 60 | 5.0 | | | 25 | | 5.0 | 2 | 0.8 | | 1000 | | 50 | | TO-202 | |
| | | | | | | 25 | | 1000.0 | 2 | | | | | | | | |
| | | | | | | 40 | 250 | 150.0 | 2 | | | | | | | | |
| CSA743 | 50 | 50 | 5.0 | 5.0 | 50 | 60 | 200 | 50.0 | 4 | 1.5 | | 1000 | 30 | 75 | 120 | 30 | TO-202 |
| | | | | | | 20 | | 1000.0 | 4 | | | | | | | | |
| CSA743B | 50 | 50 | 5.0 | 5.0 | 50 | 60 | 120 | 50.0 | 4 | 1.5 | | 1000 | 30 | 75 | 120 | 30 | TO-202 |
| | | | | | | 20 | | 100.0 | 4 | | | | | | | | |
| CSA743C | 50 | 50 | 5.0 | 5.0 | 50 | 100 | 200 | 50.0 | 4 | 1.5 | | 1000 | 30 | 75 | 120 | 30 | TO-202 |
| | | | | | | 20 | | 1000.0 | 4 | | | | | | | | |
| BD814 | 45 | 45 | 5.0 | | | 40 | 250 | 150.0 | 2 | 0.6 | | 1000 | | 3 | | TO-202 | |
| BD826 | 45 | 45 | 5.0 | 0.1 | 30 | 25 | | 5.0 | 2 | 0.5 | | 500 | | 75 | 50 | TO-202 | |
| | | | | | | 40 | 250 | 150.0 | 2 | | | | | | | | |
| | | | | | | 25 | | 500.0 | 2 | | | | | | | | |
| BD840 | 45 | 45 | 5.0 | | | 25 | | 5.0 | 2 | 0.8 | | 1000 | | 50 | | TO-202 | |
| | | | | | | 25 | | 1000.0 | 2 | | | | | | | | |
| | | | | | | 40 | 250 | 150.0 | 2 | | | | | | | | |