

## TAPE AND REEL INFORMATION



\*All dimensions are nominal

| Device      | Package Type | Package Drawing | Pins | SPQ  | Reel Diameter (mm) | Reel Width W1 (mm) | A0 (mm) | B0 (mm) | K0 (mm) | P1 (mm) | W (mm) | Pin1 Quadrant |
|-------------|--------------|-----------------|------|------|--------------------|--------------------|---------|---------|---------|---------|--------|---------------|
| TL1431CDR   | SOIC         | D               | 8    | 2500 | 330.0              | 12.4               | 6.4     | 5.2     | 2.1     | 8.0     | 12.0   | Q1            |
| TL1431CPWR  | TSSOP        | PW              | 8    | 2000 | 330.0              | 12.4               | 7.0     | 3.6     | 1.6     | 8.0     | 12.0   | Q1            |
| TL1431QDR   | SOIC         | D               | 8    | 2500 | 330.0              | 12.4               | 6.4     | 5.2     | 2.1     | 8.0     | 12.0   | Q1            |
| TL1431QDRG4 | SOIC         | D               | 8    | 2500 | 330.0              | 12.4               | 6.4     | 5.2     | 2.1     | 8.0     | 12.0   | Q1            |

## TAPE AND REEL BOX DIMENSIONS



\*All dimensions are nominal

| Device      | Package Type | Package Drawing | Pins | SPQ  | Length (mm) | Width (mm) | Height (mm) |
|-------------|--------------|-----------------|------|------|-------------|------------|-------------|
| TL1431CDR   | SOIC         | D               | 8    | 2500 | 353.0       | 353.0      | 32.0        |
| TL1431CPWR  | TSSOP        | PW              | 8    | 2000 | 353.0       | 353.0      | 32.0        |
| TL1431QDR   | SOIC         | D               | 8    | 2500 | 353.0       | 353.0      | 32.0        |
| TL1431QDRG4 | SOIC         | D               | 8    | 2500 | 350.0       | 350.0      | 43.0        |

**TUBE**


\*All dimensions are nominal

| Device          | Package Name | Package Type | Pins | SPQ | L (mm) | W (mm) | T (μm) | B (mm) |
|-----------------|--------------|--------------|------|-----|--------|--------|--------|--------|
| 5962-9962001Q2A | FK           | LCCC         | 20   | 55  | 506.98 | 12.06  | 2030   | NA     |
| TL1431CD        | D            | SOIC         | 8    | 75  | 507    | 8      | 3940   | 4.32   |
| TL1431CD.A      | D            | SOIC         | 8    | 75  | 507    | 8      | 3940   | 4.32   |
| TL1431MFK       | FK           | LCCC         | 20   | 55  | 506.98 | 12.06  | 2030   | NA     |
| TL1431MFK.A     | FK           | LCCC         | 20   | 55  | 506.98 | 12.06  | 2030   | NA     |
| TL1431MFKB      | FK           | LCCC         | 20   | 55  | 506.98 | 12.06  | 2030   | NA     |
| TL1431MFKB.A    | FK           | LCCC         | 20   | 55  | 506.98 | 12.06  | 2030   | NA     |
| TL1431QD        | D            | SOIC         | 8    | 75  | 505.46 | 6.76   | 3810   | 4      |
| TL1431QD.A      | D            | SOIC         | 8    | 75  | 505.46 | 6.76   | 3810   | 4      |
| TL1431QDG4      | D            | SOIC         | 8    | 75  | 505.46 | 6.76   | 3810   | 4      |
| TL1431QDG4.A    | D            | SOIC         | 8    | 75  | 505.46 | 6.76   | 3810   | 4      |