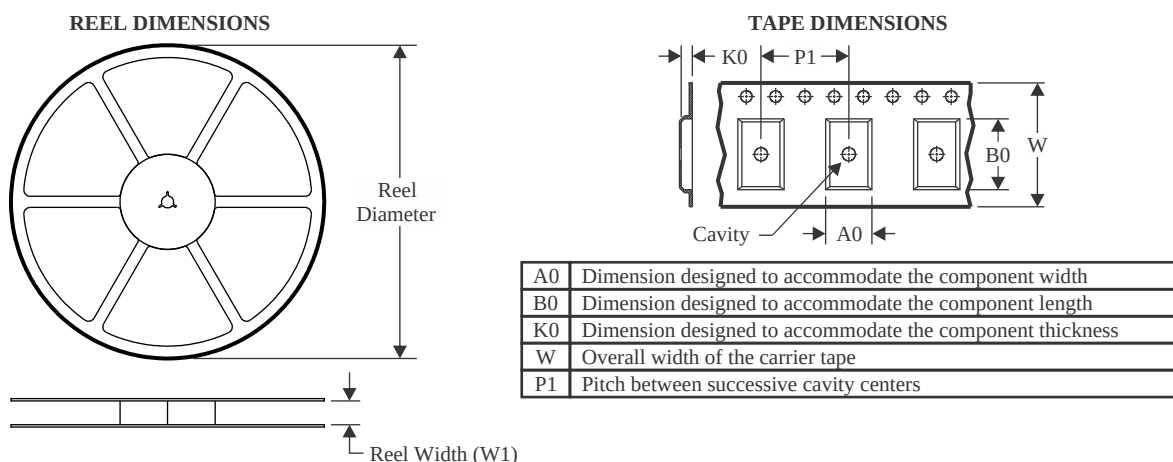
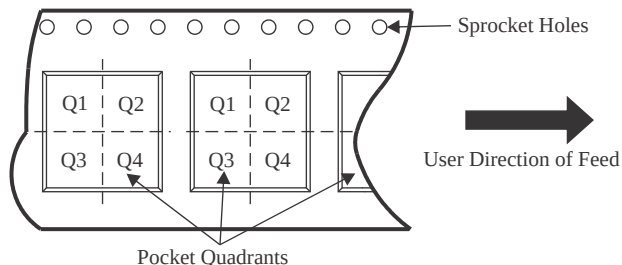


## TAPE AND REEL INFORMATION



### QUADRANT ASSIGNMENTS FOR PIN 1 ORIENTATION IN TAPE



\*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 |
|------------------|--------------|-----------------|------|------|--------------------|--------------------|---------|---------|---------|---------|--------|---------------|
| TL4051A12IDBZR   | SOT-23       | DBZ             | 3    | 3000 | 180.0              | 8.4                | 3.2     | 2.85    | 1.3     | 4.0     | 8.0    | Q3            |
| TL4051A12IDBZT   | SOT-23       | DBZ             | 3    | 250  | 180.0              | 8.4                | 3.2     | 2.85    | 1.3     | 4.0     | 8.0    | Q3            |
| TL4051A12QDBZR   | SOT-23       | DBZ             | 3    | 3000 | 180.0              | 8.4                | 3.2     | 2.85    | 1.3     | 4.0     | 8.0    | Q3            |
| TL4051A12QDBZT   | SOT-23       | DBZ             | 3    | 250  | 180.0              | 8.4                | 3.2     | 2.85    | 1.3     | 4.0     | 8.0    | Q3            |
| TL4051A12QDCKR   | SC70         | DCK             | 5    | 3000 | 179.0              | 8.4                | 2.2     | 2.5     | 1.2     | 4.0     | 8.0    | Q3            |
| TL4051A12QDCKR   | SC70         | DCK             | 5    | 3000 | 180.0              | 8.4                | 2.3     | 2.5     | 1.2     | 4.0     | 8.0    | Q3            |
| TL4051A12QDCKRG4 | SC70         | DCK             | 5    | 3000 | 179.0              | 8.4                | 2.2     | 2.5     | 1.2     | 4.0     | 8.0    | Q3            |
| TL4051AIDBZR     | SOT-23       | DBZ             | 3    | 3000 | 179.0              | 8.4                | 3.15    | 2.95    | 1.22    | 4.0     | 8.0    | Q3            |
| TL4051AIDBZT     | SOT-23       | DBZ             | 3    | 250  | 179.0              | 8.4                | 3.15    | 2.95    | 1.22    | 4.0     | 8.0    | Q3            |
| TL4051AIDCKR     | SC70         | DCK             | 5    | 3000 | 179.0              | 8.4                | 2.2     | 2.5     | 1.2     | 4.0     | 8.0    | Q3            |
| TL4051AQDBZR     | SOT-23       | DBZ             | 3    | 3000 | 179.0              | 8.4                | 3.15    | 2.95    | 1.22    | 4.0     | 8.0    | Q3            |
| TL4051AQDCKR     | SC70         | DCK             | 5    | 3000 | 179.0              | 8.4                | 2.2     | 2.5     | 1.2     | 4.0     | 8.0    | Q3            |
| TL4051B12IDBZR   | SOT-23       | DBZ             | 3    | 3000 | 179.0              | 8.4                | 3.15    | 2.95    | 1.22    | 4.0     | 8.0    | Q3            |
| TL4051B12IDBZR   | SOT-23       | DBZ             | 3    | 3000 | 180.0              | 8.4                | 3.2     | 2.85    | 1.3     | 4.0     | 8.0    | Q3            |
| TL4051B12IDBZR   | SOT-23       | DBZ             | 3    | 3000 | 178.0              | 9.2                | 3.15    | 2.77    | 1.22    | 4.0     | 8.0    | Q3            |
| TL4051B12IDBZT   | SOT-23       | DBZ             | 3    | 250  | 180.0              | 8.4                | 3.2     | 2.85    | 1.3     | 4.0     | 8.0    | Q3            |

| 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 |
|----------------|--------------|-----------------|------|------|--------------------|--------------------|---------|---------|---------|---------|--------|---------------|
| TL4051B12QDBZR | SOT-23       | DBZ             | 3    | 3000 | 180.0              | 8.4                | 3.2     | 2.85    | 1.3     | 4.0     | 8.0    | Q3            |
| TL4051B12QDCKR | SC70         | DCK             | 5    | 3000 | 180.0              | 8.4                | 2.3     | 2.5     | 1.2     | 4.0     | 8.0    | Q3            |
| TL4051B12QDCKR | SC70         | DCK             | 5    | 3000 | 179.0              | 8.4                | 2.2     | 2.5     | 1.2     | 4.0     | 8.0    | Q3            |
| TL4051BIDBZR   | SOT-23       | DBZ             | 3    | 3000 | 179.0              | 8.4                | 3.15    | 2.95    | 1.22    | 4.0     | 8.0    | Q3            |
| TL4051BIDBZT   | SOT-23       | DBZ             | 3    | 250  | 179.0              | 8.4                | 3.15    | 2.95    | 1.22    | 4.0     | 8.0    | Q3            |
| TL4051BIDCKR   | SC70         | DCK             | 5    | 3000 | 179.0              | 8.4                | 2.2     | 2.5     | 1.2     | 4.0     | 8.0    | Q3            |
| TL4051BQDBZR   | SOT-23       | DBZ             | 3    | 3000 | 179.0              | 8.4                | 3.15    | 2.95    | 1.22    | 4.0     | 8.0    | Q3            |
| TL4051BQDCKR   | SC70         | DCK             | 5    | 3000 | 179.0              | 8.4                | 2.2     | 2.5     | 1.2     | 4.0     | 8.0    | Q3            |
| TL4051BQDCKRG4 | SC70         | DCK             | 5    | 3000 | 179.0              | 8.4                | 2.2     | 2.5     | 1.2     | 4.0     | 8.0    | Q3            |
| TL4051C12IDBZR | SOT-23       | DBZ             | 3    | 3000 | 180.0              | 8.4                | 3.2     | 2.85    | 1.3     | 4.0     | 8.0    | Q3            |
| TL4051C12IDBZR | SOT-23       | DBZ             | 3    | 3000 | 179.0              | 8.4                | 3.15    | 2.95    | 1.22    | 4.0     | 8.0    | Q3            |
| TL4051C12IDBZT | SOT-23       | DBZ             | 3    | 250  | 180.0              | 8.4                | 3.2     | 2.85    | 1.3     | 4.0     | 8.0    | Q3            |
| TL4051C12IDCKR | SC70         | DCK             | 5    | 3000 | 179.0              | 8.4                | 2.2     | 2.5     | 1.2     | 4.0     | 8.0    | Q3            |
| TL4051C12IDCKR | SC70         | DCK             | 5    | 3000 | 180.0              | 8.4                | 2.3     | 2.5     | 1.2     | 4.0     | 8.0    | Q3            |
| TL4051C12QDBZR | SOT-23       | DBZ             | 3    | 3000 | 180.0              | 8.4                | 3.2     | 2.85    | 1.3     | 4.0     | 8.0    | Q3            |
| TL4051C12QDBZT | SOT-23       | DBZ             | 3    | 250  | 180.0              | 8.4                | 3.2     | 2.85    | 1.3     | 4.0     | 8.0    | Q3            |
| TL4051C12QDCKR | SC70         | DCK             | 5    | 3000 | 180.0              | 8.4                | 2.3     | 2.5     | 1.2     | 4.0     | 8.0    | Q3            |
| TL4051C12QDCKR | SC70         | DCK             | 5    | 3000 | 179.0              | 8.4                | 2.2     | 2.5     | 1.2     | 4.0     | 8.0    | Q3            |
| TL4051CIDBZR   | SOT-23       | DBZ             | 3    | 3000 | 179.0              | 8.4                | 3.15    | 2.95    | 1.22    | 4.0     | 8.0    | Q3            |
| TL4051CIDBZT   | SOT-23       | DBZ             | 3    | 250  | 179.0              | 8.4                | 3.15    | 2.95    | 1.22    | 4.0     | 8.0    | Q3            |
| TL4051CIDCKR   | SC70         | DCK             | 5    | 3000 | 179.0              | 8.4                | 2.2     | 2.5     | 1.2     | 4.0     | 8.0    | Q3            |
| TL4051CQDBZR   | SOT-23       | DBZ             | 3    | 3000 | 179.0              | 8.4                | 3.15    | 2.95    | 1.22    | 4.0     | 8.0    | Q3            |
| TL4051CQDCKR   | SC70         | DCK             | 5    | 3000 | 179.0              | 8.4                | 2.2     | 2.5     | 1.2     | 4.0     | 8.0    | Q3            |

## TAPE AND REEL BOX DIMENSIONS



\*All dimensions are nominal

| Device           | Package Type | Package Drawing | Pins | SPQ  | Length (mm) | Width (mm) | Height (mm) |
|------------------|--------------|-----------------|------|------|-------------|------------|-------------|
| TL4051A12IDBZR   | SOT-23       | DBZ             | 3    | 3000 | 210.0       | 185.0      | 35.0        |
| TL4051A12IDBZT   | SOT-23       | DBZ             | 3    | 250  | 210.0       | 185.0      | 35.0        |
| TL4051A12QDBZR   | SOT-23       | DBZ             | 3    | 3000 | 210.0       | 185.0      | 35.0        |
| TL4051A12QDBZT   | SOT-23       | DBZ             | 3    | 250  | 210.0       | 185.0      | 35.0        |
| TL4051A12QDCKR   | SC70         | DCK             | 5    | 3000 | 200.0       | 183.0      | 25.0        |
| TL4051A12QDCKR   | SC70         | DCK             | 5    | 3000 | 210.0       | 185.0      | 35.0        |
| TL4051A12QDCKRG4 | SC70         | DCK             | 5    | 3000 | 200.0       | 183.0      | 25.0        |
| TL4051AIDBZR     | SOT-23       | DBZ             | 3    | 3000 | 200.0       | 183.0      | 25.0        |
| TL4051AIDBZT     | SOT-23       | DBZ             | 3    | 250  | 203.0       | 203.0      | 35.0        |
| TL4051AIDCKR     | SC70         | DCK             | 5    | 3000 | 203.0       | 203.0      | 35.0        |
| TL4051AQDBZR     | SOT-23       | DBZ             | 3    | 3000 | 200.0       | 183.0      | 25.0        |
| TL4051AQDCKR     | SC70         | DCK             | 5    | 3000 | 200.0       | 183.0      | 25.0        |
| TL4051B12IDBZR   | SOT-23       | DBZ             | 3    | 3000 | 200.0       | 183.0      | 25.0        |
| TL4051B12IDBZR   | SOT-23       | DBZ             | 3    | 3000 | 210.0       | 185.0      | 35.0        |
| TL4051B12IDBZR   | SOT-23       | DBZ             | 3    | 3000 | 180.0       | 180.0      | 18.0        |
| TL4051B12IDBZT   | SOT-23       | DBZ             | 3    | 250  | 210.0       | 185.0      | 35.0        |
| TL4051B12QDBZR   | SOT-23       | DBZ             | 3    | 3000 | 210.0       | 185.0      | 35.0        |
| TL4051B12QDCKR   | SC70         | DCK             | 5    | 3000 | 210.0       | 185.0      | 35.0        |

| Device         | Package Type | Package Drawing | Pins | SPQ  | Length (mm) | Width (mm) | Height (mm) |
|----------------|--------------|-----------------|------|------|-------------|------------|-------------|
| TL4051B12QDCKR | SC70         | DCK             | 5    | 3000 | 203.0       | 203.0      | 35.0        |
| TL4051BIDBZR   | SOT-23       | DBZ             | 3    | 3000 | 200.0       | 183.0      | 25.0        |
| TL4051BIDBZT   | SOT-23       | DBZ             | 3    | 250  | 203.0       | 203.0      | 35.0        |
| TL4051BIDCKR   | SC70         | DCK             | 5    | 3000 | 203.0       | 203.0      | 35.0        |
| TL4051BQDBZR   | SOT-23       | DBZ             | 3    | 3000 | 203.0       | 203.0      | 35.0        |
| TL4051BQDCKR   | SC70         | DCK             | 5    | 3000 | 200.0       | 183.0      | 25.0        |
| TL4051BQDCKRG4 | SC70         | DCK             | 5    | 3000 | 200.0       | 183.0      | 25.0        |
| TL4051C12IDBZR | SOT-23       | DBZ             | 3    | 3000 | 210.0       | 185.0      | 35.0        |
| TL4051C12IDBZR | SOT-23       | DBZ             | 3    | 3000 | 200.0       | 183.0      | 25.0        |
| TL4051C12IDBZT | SOT-23       | DBZ             | 3    | 250  | 210.0       | 185.0      | 35.0        |
| TL4051C12IDCKR | SC70         | DCK             | 5    | 3000 | 200.0       | 183.0      | 25.0        |
| TL4051C12IDCKR | SC70         | DCK             | 5    | 3000 | 210.0       | 185.0      | 35.0        |
| TL4051C12QDBZR | SOT-23       | DBZ             | 3    | 3000 | 210.0       | 185.0      | 35.0        |
| TL4051C12QDBZT | SOT-23       | DBZ             | 3    | 250  | 210.0       | 185.0      | 35.0        |
| TL4051C12QDCKR | SC70         | DCK             | 5    | 3000 | 210.0       | 185.0      | 35.0        |
| TL4051C12QDCKR | SC70         | DCK             | 5    | 3000 | 200.0       | 183.0      | 25.0        |
| TL4051CIDBZR   | SOT-23       | DBZ             | 3    | 3000 | 200.0       | 183.0      | 25.0        |
| TL4051CIDBZT   | SOT-23       | DBZ             | 3    | 250  | 200.0       | 183.0      | 25.0        |
| TL4051CIDCKR   | SC70         | DCK             | 5    | 3000 | 200.0       | 183.0      | 25.0        |
| TL4051CQDBZR   | SOT-23       | DBZ             | 3    | 3000 | 200.0       | 183.0      | 25.0        |
| TL4051CQDCKR   | SC70         | DCK             | 5    | 3000 | 203.0       | 203.0      | 35.0        |