

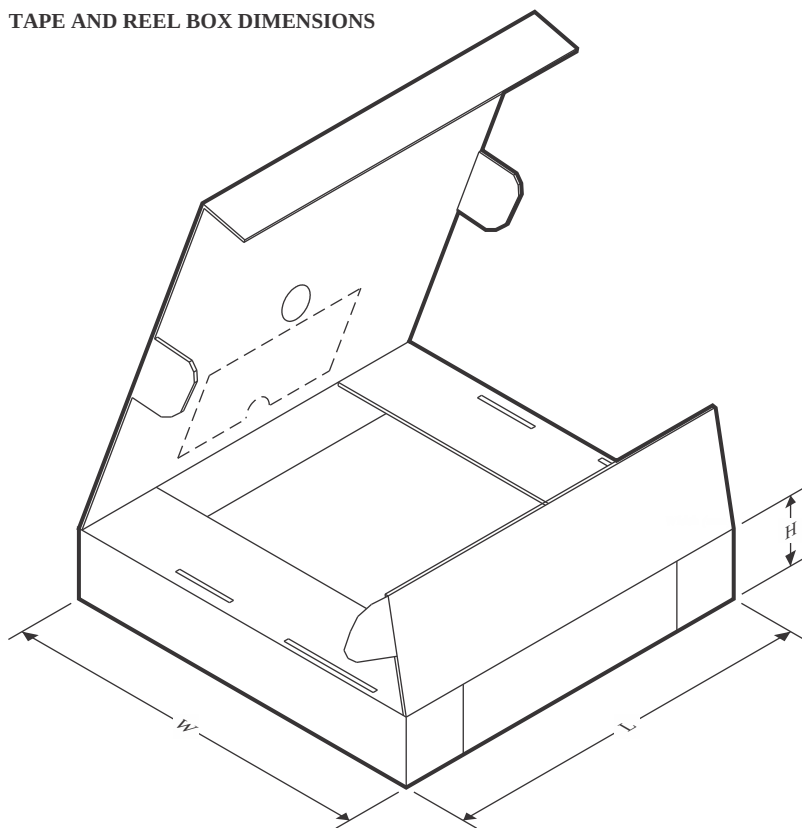
## TAPE AND REEL INFORMATION



\*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 |
|-----------------|--------------|-----------------|------|------|--------------------|--------------------|---------|---------|---------|---------|--------|---------------|
| LM2903ITL/NOPB  | DSBGA        | YZR             | 8    | 250  | 178.0              | 8.4                | 1.7     | 1.7     | 0.76    | 4.0     | 8.0    | Q1            |
| LM2903ITLX/NOPB | DSBGA        | YZR             | 8    | 3000 | 178.0              | 8.4                | 1.7     | 1.7     | 0.76    | 4.0     | 8.0    | Q1            |
| LM2903MX/NOPB   | SOIC         | D               | 8    | 2500 | 330.0              | 12.4               | 6.5     | 5.4     | 2.0     | 8.0     | 12.0   | Q1            |
| LM393MX/NOPB    | SOIC         | D               | 8    | 2500 | 330.0              | 12.4               | 6.5     | 5.4     | 2.0     | 8.0     | 12.0   | Q1            |
| LM393TL/NOPB    | DSBGA        | YZR             | 8    | 250  | 178.0              | 8.4                | 1.7     | 1.7     | 0.76    | 4.0     | 8.0    | Q1            |
| LM393TLX/NOPB   | DSBGA        | YZR             | 8    | 3000 | 178.0              | 8.4                | 1.7     | 1.7     | 0.76    | 4.0     | 8.0    | Q1            |

## TAPE AND REEL BOX DIMENSIONS



\*All dimensions are nominal

| Device          | Package Type | Package Drawing | Pins | SPQ  | Length (mm) | Width (mm) | Height (mm) |
|-----------------|--------------|-----------------|------|------|-------------|------------|-------------|
| LM2903ITL/NOPB  | DSBGA        | YZR             | 8    | 250  | 208.0       | 191.0      | 35.0        |
| LM2903ITLX/NOPB | DSBGA        | YZR             | 8    | 3000 | 208.0       | 191.0      | 35.0        |
| LM2903MX/NOPB   | SOIC         | D               | 8    | 2500 | 367.0       | 367.0      | 35.0        |
| LM393MX/NOPB    | SOIC         | D               | 8    | 2500 | 367.0       | 367.0      | 35.0        |
| LM393TL/NOPB    | DSBGA        | YZR             | 8    | 250  | 208.0       | 191.0      | 35.0        |
| LM393TLX/NOPB   | DSBGA        | YZR             | 8    | 3000 | 208.0       | 191.0      | 35.0        |

## TUBE



\*All dimensions are nominal

| Device         | Package Name | Package Type | Pins | SPQ | L (mm) | W (mm) | T (μm) | B (mm) |
|----------------|--------------|--------------|------|-----|--------|--------|--------|--------|
| LM2903M/NOPB   | D            | SOIC         | 8    | 95  | 495    | 8      | 4064   | 3.05   |
| LM2903M/NOPB.B | D            | SOIC         | 8    | 95  | 495    | 8      | 4064   | 3.05   |
| LM2903N/NOPB   | P            | PDIP         | 8    | 40  | 502    | 14     | 11938  | 4.32   |
| LM2903N/NOPB.B | P            | PDIP         | 8    | 40  | 502    | 14     | 11938  | 4.32   |
| LM393M/NOPB    | D            | SOIC         | 8    | 95  | 495    | 8      | 4064   | 3.05   |
| LM393M/NOPB.B  | D            | SOIC         | 8    | 95  | 495    | 8      | 4064   | 3.05   |
| LM393N/NOPB    | P            | PDIP         | 8    | 40  | 502    | 14     | 11938  | 4.32   |
| LM393N/NOPB.B  | P            | PDIP         | 8    | 40  | 502    | 14     | 11938  | 4.32   |