

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 |
|---------------------|------------------|-----------------|------|------|--------------------|--------------------|---------|---------|---------|---------|--------|---------------|
| LP3871EMP-1.8/NOPB | SOT-223 | NDC | 5 | 1000 | 330.0 | 16.4 | 7.0 | 7.5 | 2.2 | 12.0 | 16.0 | Q3 |
| LP3871EMP-2.5/NOPB | SOT-223 | NDC | 5 | 1000 | 330.0 | 16.4 | 7.0 | 7.5 | 2.2 | 12.0 | 16.0 | Q3 |
| LP3871EMP-3.3/NOPB | SOT-223 | NDC | 5 | 1000 | 330.0 | 16.4 | 7.0 | 7.5 | 2.2 | 12.0 | 16.0 | Q3 |
| LP3871EMP-5.0/NOPB | SOT-223 | NDC | 5 | 1000 | 330.0 | 16.4 | 7.0 | 7.5 | 2.2 | 12.0 | 16.0 | Q3 |
| LP3871EMPX-3.3/NOPB | SOT-223 | NDC | 5 | 2000 | 330.0 | 16.4 | 7.0 | 7.5 | 2.2 | 12.0 | 16.0 | Q3 |
| LP3871ESX-1.8/NOPB | DDPAK/ TO-263 | KTT | 5 | 500 | 330.0 | 24.4 | 10.75 | 14.85 | 5.0 | 16.0 | 24.0 | Q2 |
| LP3871ESX-2.5/NOPB | DDPAK/ TO-263 | KTT | 5 | 500 | 330.0 | 24.4 | 10.75 | 14.85 | 5.0 | 16.0 | 24.0 | Q2 |
| LP3871ESX-3.3/NOPB | DDPAK/ TO-263 | KTT | 5 | 500 | 330.0 | 24.4 | 10.75 | 14.85 | 5.0 | 16.0 | 24.0 | Q2 |
| LP3874EMP-1.8/NOPB | SOT-223 | NDC | 5 | 1000 | 330.0 | 16.4 | 7.0 | 7.5 | 2.2 | 12.0 | 16.0 | Q3 |
| LP3874EMP-2.5/NOPB | SOT-223 | NDC | 5 | 1000 | 330.0 | 16.4 | 7.0 | 7.5 | 2.2 | 12.0 | 16.0 | Q3 |
| LP3874EMP-3.3/NOPB | SOT-223 | NDC | 5 | 1000 | 330.0 | 16.4 | 7.0 | 7.5 | 2.2 | 12.0 | 16.0 | Q3 |
| LP3874EMP-5.0/NOPB | SOT-223 | NDC | 5 | 1000 | 330.0 | 16.4 | 7.0 | 7.5 | 2.2 | 12.0 | 16.0 | Q3 |
| LP3874EMPX-1.8/NOPB | SOT-223 | NDC | 5 | 2000 | 330.0 | 16.4 | 7.0 | 7.5 | 2.2 | 12.0 | 16.0 | Q3 |
| LP3874EMPX-3.3/NOPB | SOT-223 | NDC | 5 | 2000 | 330.0 | 16.4 | 7.0 | 7.5 | 2.2 | 12.0 | 16.0 | 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 |
|---------------------|--------------|-----------------|------|------|--------------------|--------------------|---------|---------|---------|---------|--------|---------------|
| LP3874EMPX-5.0/NOPB | SOT-223 | NDC | 5 | 2000 | 330.0 | 16.4 | 7.0 | 7.5 | 2.2 | 12.0 | 16.0 | Q3 |

TAPE AND REEL BOX DIMENSIONS



*All dimensions are nominal

| Device | Package Type | Package Drawing | Pins | SPQ | Length (mm) | Width (mm) | Height (mm) |
|---------------------|--------------|-----------------|------|------|-------------|------------|-------------|
| LP3871EMP-1.8/NOPB | SOT-223 | NDC | 5 | 1000 | 367.0 | 367.0 | 35.0 |
| LP3871EMP-2.5/NOPB | SOT-223 | NDC | 5 | 1000 | 367.0 | 367.0 | 35.0 |
| LP3871EMP-3.3/NOPB | SOT-223 | NDC | 5 | 1000 | 367.0 | 367.0 | 35.0 |
| LP3871EMP-5.0/NOPB | SOT-223 | NDC | 5 | 1000 | 367.0 | 367.0 | 35.0 |
| LP3871EMPX-3.3/NOPB | SOT-223 | NDC | 5 | 2000 | 367.0 | 367.0 | 35.0 |
| LP3871ESX-1.8/NOPB | DDPAK/TO-263 | KTT | 5 | 500 | 356.0 | 356.0 | 45.0 |
| LP3871ESX-2.5/NOPB | DDPAK/TO-263 | KTT | 5 | 500 | 356.0 | 356.0 | 45.0 |
| LP3871ESX-3.3/NOPB | DDPAK/TO-263 | KTT | 5 | 500 | 356.0 | 356.0 | 45.0 |
| LP3874EMP-1.8/NOPB | SOT-223 | NDC | 5 | 1000 | 367.0 | 367.0 | 35.0 |
| LP3874EMP-2.5/NOPB | SOT-223 | NDC | 5 | 1000 | 367.0 | 367.0 | 35.0 |
| LP3874EMP-3.3/NOPB | SOT-223 | NDC | 5 | 1000 | 367.0 | 367.0 | 35.0 |
| LP3874EMP-5.0/NOPB | SOT-223 | NDC | 5 | 1000 | 367.0 | 367.0 | 35.0 |
| LP3874EMPX-1.8/NOPB | SOT-223 | NDC | 5 | 2000 | 367.0 | 367.0 | 35.0 |
| LP3874EMPX-3.3/NOPB | SOT-223 | NDC | 5 | 2000 | 367.0 | 367.0 | 35.0 |
| LP3874EMPX-5.0/NOPB | SOT-223 | NDC | 5 | 2000 | 367.0 | 367.0 | 35.0 |

TUBE


*All dimensions are nominal

| Device | Package Name | Package Type | Pins | SPQ | L (mm) | W (mm) | T (μm) | B (mm) |
|-------------------|--------------|--------------|------|-----|--------|--------|--------|--------|
| LP3871ES-1.8/NOPB | KTT | TO-263 | 5 | 45 | 502 | 25 | 8204.2 | 9.19 |
| LP3871ES-2.5/NOPB | KTT | TO-263 | 5 | 45 | 502 | 25 | 8204.2 | 9.19 |
| LP3871ES-3.3/NOPB | KTT | TO-263 | 5 | 45 | 502 | 25 | 8204.2 | 9.19 |
| LP3874ES-2.5/NOPB | KTT | TO-263 | 5 | 45 | 502 | 25 | 8204.2 | 9.19 |
| LP3874ES-3.3/NOPB | KTT | TO-263 | 5 | 45 | 502 | 25 | 8204.2 | 9.19 |