

## 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 |
|----------------|--------------|-----------------|------|------|--------------------|--------------------|---------|---------|---------|---------|--------|---------------|
| UA78M05CDCYR   | SOT-223      | DCY             | 4    | 2500 | 330.0              | 12.4               | 7.05    | 7.4     | 1.9     | 8.0     | 12.0   | Q3            |
| UA78M05CKVURG3 | TO-252       | KVU             | 3    | 2500 | 330.0              | 16.4               | 6.9     | 10.5    | 2.7     | 8.0     | 16.0   | Q2            |
| UA78M05IDCYR   | SOT-223      | DCY             | 4    | 2500 | 330.0              | 12.4               | 7.05    | 7.4     | 1.9     | 8.0     | 12.0   | Q3            |
| UA78M05IKVURG3 | TO-252       | KVU             | 3    | 2500 | 330.0              | 16.4               | 6.9     | 10.5    | 2.7     | 8.0     | 16.0   | Q2            |
| UA78M06CKVURG3 | TO-252       | KVU             | 3    | 2500 | 330.0              | 16.4               | 6.9     | 10.5    | 2.7     | 8.0     | 16.0   | Q2            |
| UA78M08CDCYR   | SOT-223      | DCY             | 4    | 2500 | 330.0              | 12.4               | 7.05    | 7.4     | 1.9     | 8.0     | 12.0   | Q3            |
| UA78M08CKVURG3 | TO-252       | KVU             | 3    | 2500 | 330.0              | 16.4               | 6.9     | 10.5    | 2.7     | 8.0     | 16.0   | Q2            |
| UA78M09CKVURG3 | TO-252       | KVU             | 3    | 2500 | 330.0              | 16.4               | 6.9     | 10.5    | 2.7     | 8.0     | 16.0   | Q2            |
| UA78M10CKVURG3 | TO-252       | KVU             | 3    | 2500 | 330.0              | 16.4               | 6.9     | 10.5    | 2.7     | 8.0     | 16.0   | Q2            |
| UA78M12CKVURG3 | TO-252       | KVU             | 3    | 2500 | 330.0              | 16.4               | 6.9     | 10.5    | 2.7     | 8.0     | 16.0   | Q2            |
| UA78M33CDCYR   | SOT-223      | DCY             | 4    | 2500 | 330.0              | 12.4               | 7.05    | 7.4     | 1.9     | 8.0     | 12.0   | Q3            |
| UA78M33CKVURG3 | TO-252       | KVU             | 3    | 2500 | 330.0              | 16.4               | 6.9     | 10.5    | 2.7     | 8.0     | 16.0   | Q2            |
| UA78M33IKVURG3 | TO-252       | KVU             | 3    | 2500 | 330.0              | 16.4               | 6.9     | 10.5    | 2.7     | 8.0     | 16.0   | Q2            |

## TAPE AND REEL BOX DIMENSIONS



\*All dimensions are nominal

| Device         | Package Type | Package Drawing | Pins | SPQ  | Length (mm) | Width (mm) | Height (mm) |
|----------------|--------------|-----------------|------|------|-------------|------------|-------------|
| UA78M05CDCYR   | SOT-223      | DCY             | 4    | 2500 | 340.0       | 340.0      | 38.0        |
| UA78M05CKVURG3 | TO-252       | KVU             | 3    | 2500 | 340.0       | 340.0      | 38.0        |
| UA78M05IDCYR   | SOT-223      | DCY             | 4    | 2500 | 340.0       | 340.0      | 38.0        |
| UA78M05IKVURG3 | TO-252       | KVU             | 3    | 2500 | 340.0       | 340.0      | 38.0        |
| UA78M06CKVURG3 | TO-252       | KVU             | 3    | 2500 | 340.0       | 340.0      | 38.0        |
| UA78M08CDCYR   | SOT-223      | DCY             | 4    | 2500 | 340.0       | 340.0      | 38.0        |
| UA78M08CKVURG3 | TO-252       | KVU             | 3    | 2500 | 340.0       | 340.0      | 38.0        |
| UA78M09CKVURG3 | TO-252       | KVU             | 3    | 2500 | 340.0       | 340.0      | 38.0        |
| UA78M10CKVURG3 | TO-252       | KVU             | 3    | 2500 | 340.0       | 340.0      | 38.0        |
| UA78M12CKVURG3 | TO-252       | KVU             | 3    | 2500 | 340.0       | 340.0      | 38.0        |
| UA78M33CDCYR   | SOT-223      | DCY             | 4    | 2500 | 340.0       | 340.0      | 38.0        |
| UA78M33CKVURG3 | TO-252       | KVU             | 3    | 2500 | 340.0       | 340.0      | 38.0        |
| UA78M33IKVURG3 | TO-252       | KVU             | 3    | 2500 | 340.0       | 340.0      | 38.0        |

**TUBE**


\*All dimensions are nominal

| Device         | Package Name | Package Type | Pins | SPQ  | L (mm) | W (mm) | T (μm) | B (mm) |
|----------------|--------------|--------------|------|------|--------|--------|--------|--------|
| UA78M05CDCY    | DCY          | SOT-223      | 4    | 80   | 559    | 8.6    | 500    | 3.6    |
| UA78M05CDCY.A  | DCY          | SOT-223      | 4    | 80   | 559    | 8.6    | 500    | 3.6    |
| UA78M05CDCYG3  | DCY          | SOT-223      | 4    | 80   | 559    | 8.6    | 500    | 3.6    |
| UA78M05CKCS    | KCS          | TO-220       | 3    | 50   | 532    | 34.1   | 700    | 9.6    |
| UA78M05CKCS.A  | KCS          | TO-220       | 3    | 50   | 532    | 34.1   | 700    | 9.6    |
| UA78M05CKCSE3  | KCS          | TO-220       | 3    | 50   | 532    | 34.1   | 700    | 9.6    |
| UA78M05IDCY    | DCY          | SOT-223      | 4    | 80   | 559    | 8.6    | 500    | 3.6    |
| UA78M05IDCY.A  | DCY          | SOT-223      | 4    | 80   | 559    | 8.6    | 500    | 3.6    |
| UA78M05IDCYG3  | DCY          | SOT-223      | 4    | 80   | 559    | 8.6    | 500    | 3.6    |
| UA78M05IKCS    | KCS          | TO-220       | 3    | 50   | 532    | 34.1   | 700    | 9.6    |
| UA78M05IKCS.A  | KCS          | TO-220       | 3    | 50   | 532    | 34.1   | 700    | 9.6    |
| UA78M05IKCSE3  | KCS          | TO-220       | 3    | 50   | 532    | 34.1   | 700    | 9.6    |
| UA78M08CDCY    | DCY          | SOT-223      | 4    | 80   | 559    | 8.6    | 500    | 3.6    |
| UA78M08CDCY.A  | DCY          | SOT-223      | 4    | 80   | 559    | 8.6    | 500    | 3.6    |
| UA78M08CDCYG3  | DCY          | SOT-223      | 4    | 80   | 559    | 8.6    | 500    | 3.6    |
| UA78M08CKCS    | KCS          | TO-220       | 3    | 50   | 532    | 34.1   | 700    | 9.6    |
| UA78M08CKCS.A  | KCS          | TO-220       | 3    | 50   | 532    | 34.1   | 700    | 9.6    |
| UA78M08CKCSE3  | KCS          | TO-220       | 3    | 50   | 532    | 34.1   | 700    | 9.6    |
| UA78M12CKCS    | KCS          | TO-220       | 3    | 50   | 532    | 34.1   | 700    | 9.6    |
| UA78M12CKCS.A  | KCS          | TO-220       | 3    | 50   | 532    | 34.1   | 700    | 9.6    |
| UA78M12CKCSE3  | KCS          | TO-220       | 3    | 50   | 532    | 34.1   | 700    | 9.6    |
| UA78M33CDCY    | DCY          | SOT-223      | 4    | 80   | 559    | 8.6    | 500    | 3.6    |
| UA78M33CDCY.A  | DCY          | SOT-223      | 4    | 80   | 559    | 8.6    | 500    | 3.6    |
| UA78M33CDCYG3  | DCY          | SOT-223      | 4    | 80   | 559    | 8.6    | 500    | 3.6    |
| UA78M33CDCYR   | DCY          | SOT-223      | 4    | 2500 | 559    | 8.6    | 500    | 3.6    |
| UA78M33CDCYR.A | DCY          | SOT-223      | 4    | 2500 | 559    | 8.6    | 500    | 3.6    |
| UA78M33CDCYRG3 | DCY          | SOT-223      | 4    | 2500 | 559    | 8.6    | 500    | 3.6    |
| UA78M33CKCS    | KCS          | TO-220       | 3    | 50   | 532    | 34.1   | 700    | 9.6    |
| UA78M33CKCS.A  | KCS          | TO-220       | 3    | 50   | 532    | 34.1   | 700    | 9.6    |

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| Device        | Package Name | Package Type | Pins | SPQ | L (mm) | W (mm) | T (μm) | B (mm) |
|---------------|--------------|--------------|------|-----|--------|--------|--------|--------|
| UA78M33CKCSE3 | KCS          | TO-220       | 3    | 50  | 532    | 34.1   | 700    | 9.6    |