Product nameTSX-322525.000000MHz 8.0+10.0-10.0Product Number / Ordering codeX1E0000210131xx

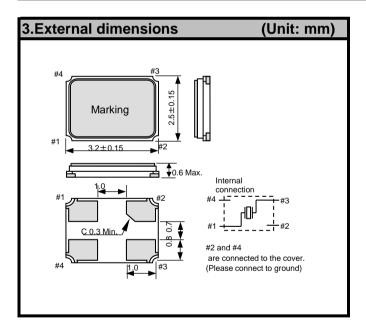
Please refer to the 5.Packing information about xx (last 2 digits)

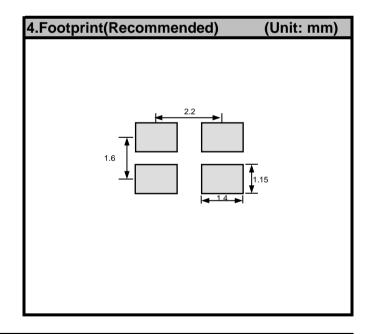
Pb free / Complies with EU RoHS directive

| Reference | weight Ty | /p. 17 mg |
|-----------|-----------|-----------|
|-----------|-----------|-----------|

| 1.Absolute maximum ratings | | | | | | |
|----------------------------|--------|------|------|------|------|---------------------------|
| Parameter | Symbol | Min. | Тур. | Max. | Unit | Conditions / Remarks |
| Storage temperature | T_stg | -40 | I | +125 | °C | Storage as single product |
| Operating temperature | T_use | -40 | I | +105 | °C | |

| 2.Specifications(characteristics) | | | | | | |
|---|--------|------|-----------|------|------------------------|----------------------|
| Parameter | Symbol | Min. | Тур. | Max. | Unit | Conditions / Remarks |
| Nominal frequency | f_nom | | 25.000000 | _ | MHz | Fundamental |
| Frequency tolerance | f_tol | -10 | - | +10 | x 10- ⁶ | @+25°C |
| Frequency Stability over temperature | f_tem | -10 | - | +10 | x 10 ⁻⁶ | -20ºC to +75ºC |
| Operating temperature | T_use | -20 | - | +75 | °C | |
| Level of drive | DL | 10 | 100 | 200 | μW | |
| Load capacitance | CL | _ | 8 | — | pF | |
| Motional resistance (ESR) | R1 | - | - | 40 | Ω | |
| Motional capacitance | C1 | - | 3.78 | - | fF | |
| Motional inductance | L1 | - | 10.72 | - | mH | |
| Shunt capacitance | C0 | - | 1.39 | - | pF | |
| Frequency aging | f_age | -1 | _ | +1 | x10 ⁻⁶ /yea | @+25ºC, First year |



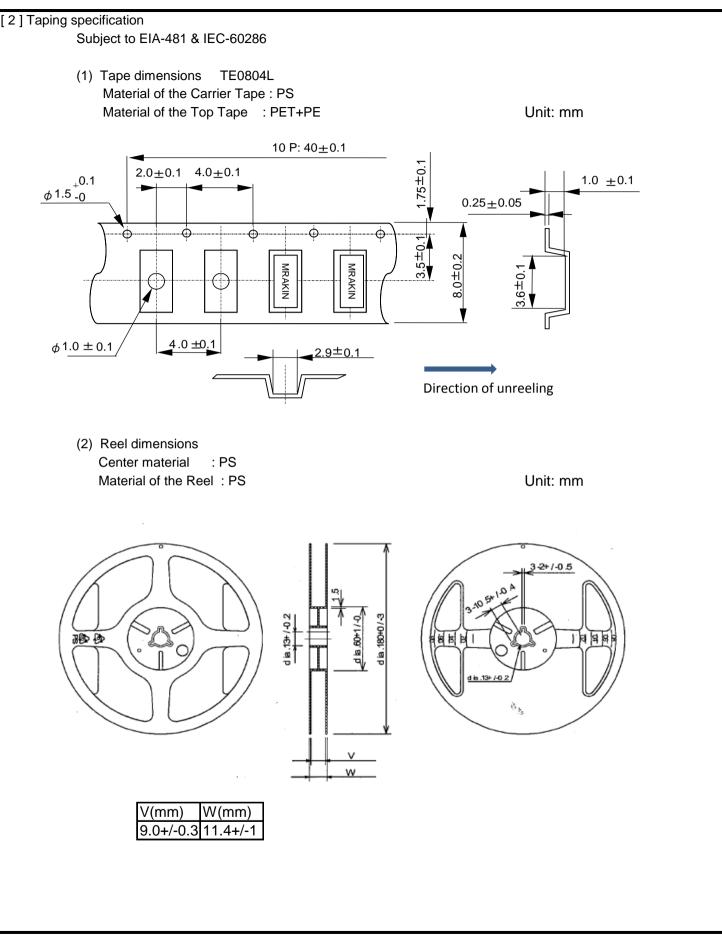


The recommended code is "17"

5.Packing information

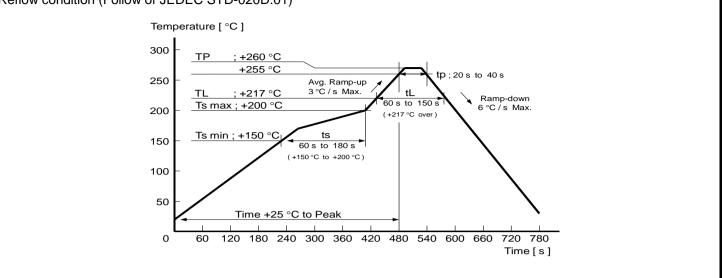
[1]Product number last 2 digits code (xx) description

| X1E0000210131xx | | | | | | |
|-----------------|------------------------------|------|----------------|--|--|--|
| Code | Condition | Code | Condition | | | |
| 01 | Any Q'ty vinyl bag(Tape cut) | 00 | 2000pcs / Reel | | | |
| 11 | Any Q'ty / Reel | 16 | 3000pcs / Reel | | | |
| 12 | 250pcs / Reel | 17 | 4000pcs / Reel | | | |
| 14 | 1000pcs / Reel | | | | | |



6.Reflow profile

Reflow condition (Follow of JEDEC STD-020D.01)



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- / Fire work equipment and security equipment
- / Traffic control equipment
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