



# Crystal Part No.: RFX-53T-25.0M40IL

## Issue 1; 6th July 2022

#### **Features**

- Frequency 25.0MHz fundamental
- Calibration tolerance ±10ppm
- Temperature stability ±30ppm
- Temperature range (-40 to +85)°C
- The flexible nature of the design, means that variations to suit almost any application can be developed to meet individual customer requirements
- Drive level 100uW
- Series Resistance 500
- Shunt capacitance C<sub>0</sub>7 pF max.
- Load capacitance CL (8 50)pF or series [to order]
- Ageing  $\pm 3 \times 10^{-6}$  /year

#### **Environmental**

- Electrostatic-Sensitive Device (ESD)
- Storage Temperature Range: (-55 to +125)°C
- Mechanical shock: MIL standard 202F, method 213 condition J
- Thermal shock: MIL standard 202F, method 107, condition A
- Vibration: MIL standard 202F, method 204, condition B
- Solderability: 5 seconds maximum at 230°C
- 3 seconds maximum at 350°C

#### Compliance

- RoHS Status (2011/65/EU) Compliant
- **REACH Status Compliant**

# Packaging

Pack Style: tape and reel: 1000 pieces, 3K pieces

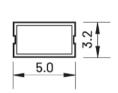
# Ordering Information

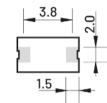
Crystal model: RFX-53T series

Crystal Part No.: RFX-53T-25.0M40IL[xx] Where [xx] is the required load e.g. RFX-53T-25.0M40IL30 for 30 pF RFX-53T-25.0M40ILS for series

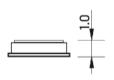


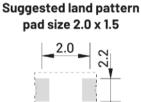
# Dimensions (mm)





Pads viewed from bottom





## Part number examples by load

Load condition	Part number
10pF	RFX-53T-25.0M40IL10
20pF	RFX-53T-25.0M40IL20
30pF	RFX-53T-25.0M40IL30
Series	RFX-53T-25.0M40ILS

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