

Distributor Stocking Part

Fox Part Number: FOXSDLF/143R-20

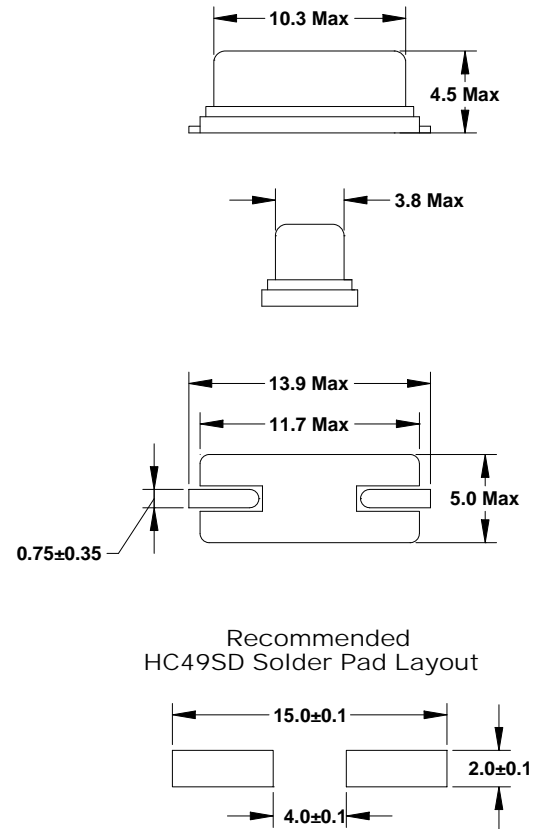


LEAD-FREE, RESISTANCE WELD, SMD, CRYSTAL
MODEL: HC49SDLF Series (please use FOXSDLF/143R-20/TR for full, 1k, reels)
 RoHS / REACH Compliant / Pb Free

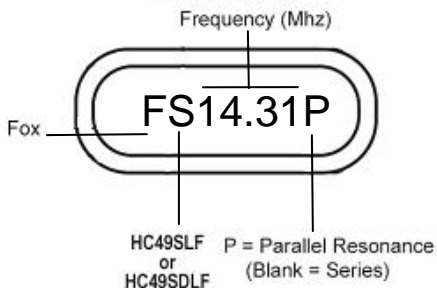
A. Specifications

| Parameters | |
|---|---------------------------------|
| Frequency | 14.31818 MHz |
| Resonance Mode | Fundamental |
| Frequency Tolerance @ 25°C | ±30 PPM Max |
| Frequency Stability, ref @ 25°C Over Operating Temp. Range | ±50 PPM Max |
| Temperature Range Operating (T _{OPR}) Storage (T _{STG}) | -40°C ~ +85°C -40°C ~ +125°C |
| Equivalent Series Resistance (ESR) | 40 Ohms Max |
| Shunt Capacitance (C ₀) Absolute Maximum | 7.0 pF |
| Load Capacitance (C _L) | 20 pF |
| Drive Level | 0.1 mW Max |
| Aging per year | ±3 PPM Max |
| Maximum Soldering Temp / Time | 260°C / 10 Seconds |
| Termination Finish (96.5%-3%-0.5%) | Sn – Ag – Cu |
| Moisture Sensitivity Level (MSL) | 1 |
| Weight (TYP) | 649 mg |

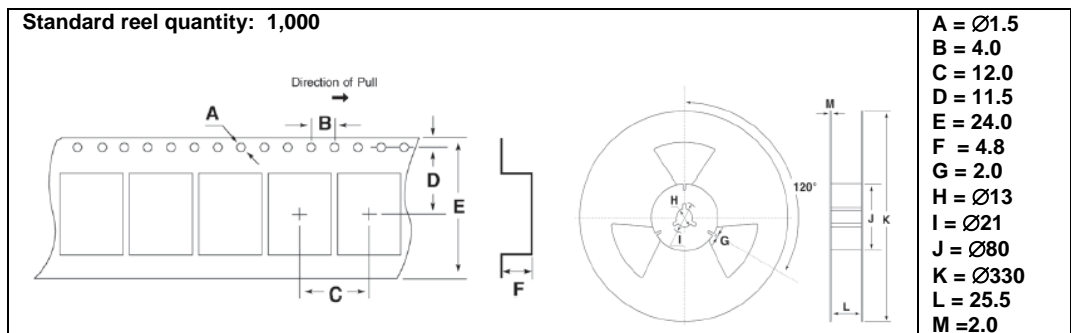
B. Mechanical / Dimensions (millimeters):



Marking Format



Tape and Reel Specification (mm)



NOTE: The above specifications, having been carefully prepared and checked, is believed to be accurate at the time of publication; however, no responsibility is assumed by Fox Electronics for inaccuracies.

| Reference / Comments | Title / Description: Product Specifications | | |
|----------------------|---|--|------------------|
| Initial release | Drawing Number: DOC101002 | | Rev: 1 |
| | Part Number: FOXSDLF/143R-20 | | Size: A |
| | Draftsperson: AR | | Approved: GB |
| | | | Page: 61429 |
| | | | Date: 05-20-2014 |