

Technical Data

HFX4Series

Manufacturing

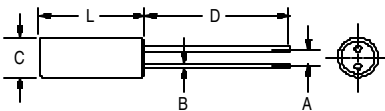
HFX4 units are photolithographically produced on large wafers in a highly automated facility. Stringent process control on custom equipment results in resonator thicknesses down to 0.00033" (0.0084 mm). A proprietary combination of crystal and holder designs results in a finished crystal unit that is both rugged and extremely reliable.

Crystals are 100% leak checked and environmentally stress tested to assure reliable operation.

Ordering and Samples

The use of array processing enables large quantities of crystals to be produced economically. Smaller quantities ordered to unique frequencies may involve a setup charge. To minimize cost, it is suggested that evaluation samples be selected from the large number of frequencies that have already been produced. Please contact SaRonix for assistance.

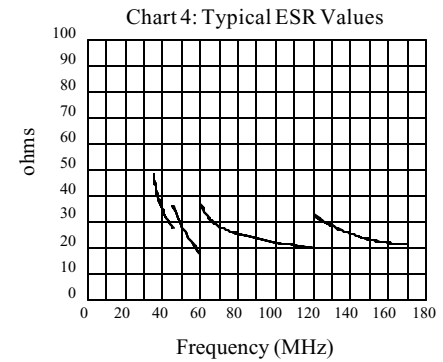
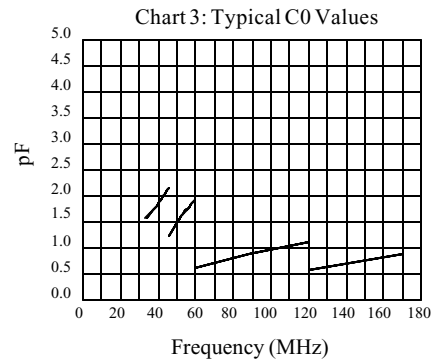
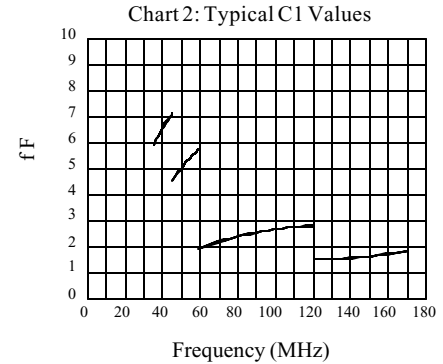
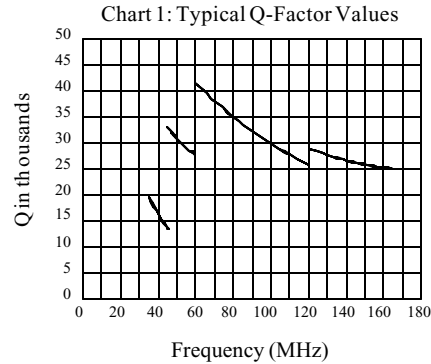
Package Details



REF	
A	$\frac{0.7 \pm 0.1}{.028 \pm .004}$
B	$\frac{0.2 \pm 0.05}{.008 \pm .002}$
C	$\frac{2.1}{.083}$ max
L	$\frac{5.2}{.205}$ max
D	$\frac{5.9}{.232}$ min

Scale: None (Dimensions in $\frac{\text{mm}}{\text{inches}}$)

Typical Crystal Parameters:



Common Frequencies (MHz)

32.7680	66.6667	100.0000
34.3680	66.6670	106.2500
38.8800	74.0740	106.2600
39.3216	75.0000	125.0000
40.0000	76.0000	133.3300
50.0000	77.7600	155.5200
51.8400	80.0000	155.5355
55.2960	90.0000	160.0000
65.5360	98.3040	200.0000

All specifications are subject to change without notice.