## How to use

CITIfile is measured by using RF Impedance Analyzer，Agilent E4991A．

| CITIfile Frequency Range <br> $(\mathrm{MHz})$ | Number of Points | Sweep Type |
| :---: | :---: | :---: |
| $1 \sim 3000$ | 201 | Log |

Only 2－terminal product（Ferrite Beads ，Inductors）is available． MCB／MHC xxxx W series is available for Automobile application． MIP series is available for power inductor．

Reference data ：
http：／／cp．literature．agilent．com／litweb／pdf／ads2005a／cktsim／ck0419．htm｜

## WARNING：

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I．Download：Electrical characteristic by CITIFILE．xIs

Download ：Electrical characteristic by CITIFILE（S2P）．xls
（Note：S2P format for MIP series）

II．Open the selected file formatted as following picture，and copy it to cover the worksheet，＂raw CITIfile＂in step．


III．The worksheet＂ZRX，LQ＂is the result of calculating CITIfile．
＜＜1．Example for MHC1608S121＞＞


IV．Using the Equivalent Circuit to build up the component model．



