



DESIGN KIT

WCAP-CSRF MLCC HIGH FREQUENCY



SIZE:

0201 / 0402

TECHNICAL DATA:

C: 0.2 – 33 pF

U: 25 – 50 V_{DC}

Dielectric: NPO

Termination: Cu / Ni / Sn

Order Code 885 390

Version 1.0

DESIGN KIT

WCAP-CSRF MLCC

High Frequency



0201 25 V _{DC}			0402 50 V _{DC}		
885 392 004 001 NP002011R20A025DFCT1R000 0.2 pF ; ±0.05 pF H=0.3 mm Q _z ≥400+20C; IR ≥10 GΩ	885 392 004 002 NP002011R08025DFCT1R000 1 pF ; ±0.1 pF H=0.3 mm Q _z ≥400+20C; IR ≥10 GΩ	885 392 004 003 NP002011R2B025DFCT1R000 1.2 pF ; ±0.1 pF H=0.3 mm Q _z ≥400+20C; IR ≥10 GΩ	885 392 005 001 NP00402R30B050DFCT1R000 0.3 pF ; ±0.1 pF H=0.5 mm Q _z ≥400+20C; IR ≥10 GΩ	885 392 005 002 NP00402R40A050DFCT1R000 0.4 pF ; ±0.05 pF H=0.5 mm Q _z ≥400+20C; IR ≥10 GΩ	885 392 005 003 NP00402R40B050DFCT1R000 0.4 pF ; ±0.1 pF H=0.5 mm Q _z ≥400+20C; IR ≥10 GΩ
885 392 004 004 NP002011R5B025DFCT1R000 1.5 pF ; ±0.1 pF H=0.3 mm Q _z ≥400+20C; IR ≥10 GΩ	885 392 004 005 NP002012R2B025DFCT1R000 2.2pF ; ±0.1 pF H=0.3mm Q _z ≥400+20C; IR ≥10GΩ	885 392 004 006 NP002012R7B025DFCT1R000 2.7 pF ; ±0.1 pF H=0.3 mm Q _z ≥400+20C; IR ≥10 GΩ	885 392 005 004 NP00402R50A050DFCT1R000 0.5 pF ; ±0.05 pF H=0.5 mm Q _z ≥400+20C; IR ≥10 GΩ	885 392 005 005 NP004021R0A050DFCT1R000 1 pF ; ±0.05 pF H=0.5 mm Q _z ≥400+20C; IR ≥10 GΩ	885 392 005 006 NP004021R0B050DFCT1R000 1 pF ; ±0.1 pF H=0.5 mm Q _z ≥400+20C; IR ≥10 GΩ
885 392 004 007 NP002013R3B025DFCT1R000 3.3 pF ; ±0.1 pF H=0.3 mm Q _z ≥400+20C; IR ≥10 GΩ	885 392 004 008 NP002014R7C025DFCT1R000 4.7 pF ; ±0.25 pF H=0.3 mm Q _z ≥400+20C; IR ≥10 GΩ	885 392 004 009 NP002015R6C025DFCT1R000 5.6 pF ; ±0.25 pF H=0.3 mm Q _z ≥400+20C; IR ≥10 GΩ	885 392 005 007 NP004021R5B050DFCT1R000 1.5 pF ; ±0.1 pF H=0.5 mm Q _z ≥400+20C; IR ≥10 GΩ	885 392 005 008 NP004021R8B050DFCT1R000 1.8 pF ; ±0.1 pF H=0.5 mm Q _z ≥400+20C; IR ≥10 GΩ	885 392 005 009 NP004022R3A050DFCT1R000 2.3 pF ; ±0.05 pF H=0.5 mm Q _z ≥400+20C; IR ≥10 GΩ
885 392 004 010 NP002019R0D025DFCT1R000 9 pF ; ±0.5 pF H=0.3 mm Q _z ≥400+20C; IR ≥10 GΩ	885 392 004 011 NP0020133QJ025DFCT1R000 33 pF ; ±5 % H=0.3 mm Q _z 1000; IR ≥10 GΩ		885 392 005 010 NP004023R0B050DFCT1R000 3 pF ; ±0.1 pF H=0.5 mm Q _z ≥400+20C; IR ≥10 GΩ	885 392 005 011 NP004023R3B050DFCT1R000 3.3 pF ; ±0.1 pF H=0.5 mm Q _z ≥400+20C; IR ≥10 GΩ	885 392 005 012 NP004024R7B050DFCT1R000 4.7 pF ; ±0.1 pF H=0.5 mm Q _z ≥400+20C; IR ≥10 GΩ
			885 392 005 013 NP004025R6B050DFCT1R000 5.6 pF ; ±0.1 pF H=0.5 mm Q _z ≥400+20C; IR ≥10 GΩ	885 392 005 014 NP004029R0C050DFCT1R000 9 pF ; ±0.25 pF H=0.5 mm Q _z ≥400+20C; IR ≥10 GΩ	

Technical Data:
 Dielectric: NPO
 Capacitance
 Characteristics*: ± 30 ppm/°C
 Operating Temperature: -55 °C to +125 °C
 Termination: Cu / Ni / Sn

*within operating temperature range



Important information: Würth Elektronik's design kits contain reference components. These components correspond with the current product development status on the day of supply. Exchange of the reference components to components with up-to-date product development status is not carried out automatically. No liability is taken for the use of these reference components. Therefore, please request new samples prior to releases for series production and product release.

Please check datasheets on www.we-online.com for specifications.
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