

SCUB Series



Features

A unique terminal electrode structure ensures ensures permissible current 6000mA (max).
High impedance and EMI suppression effective over a wide frequency range.
Suitable reflow and wave soldering.

Applications

Digital videos communication equipment OA equipment and others.

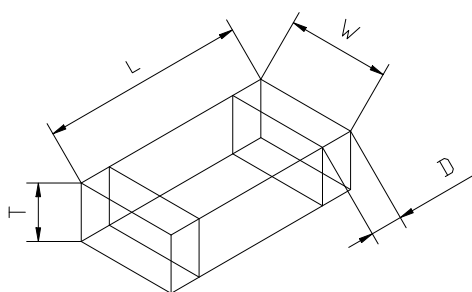
Product Identification

SCUBXXXXXXTL - XXX
For example: SCUB100505TL-601

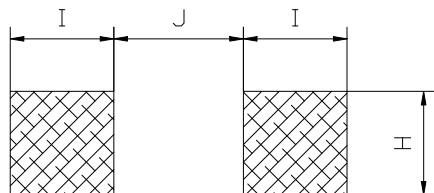
General Specifications

Test frequency..... 100MHz
Test Voltage.....50mV
Parameters Test Temp..... 25℃
Operation Temp.....-55℃ to +125℃
(Including temperature Rise)
Storage Temp.....0~40℃
Storage Humidity.....<70% RH
Resistance to Soldering Heat.....260℃ for 10 sec
Rated Current.....40℃ typ. at Irms

Shape And Dimensions



PAD Layout



Dimensions In mm

| TYPE | L | W | T | D | H | I | J |
|------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------|-----------------|-----------------|
| | | | | | Ref | Ref | Ref |
| 100505 (0402) | 1.00±0.15 (0.040±0.006) | 0.50±0.15 (0.020±0.006) | 0.50±0.15 (0.020±0.006) | 0.25±0.10 (0.010±0.004) | 0.40 (0.016) | 0.50 (0.020) | 0.40 (0.016) |
| 160808 (0603) | 1.60±0.20 (0.063±0.008) | 0.80±0.20 (0.031±0.008) | 0.80±0.20 (0.031±0.008) | 0.30±0.20 (0.012±0.008) | 0.60 (0.024) | 1.30 (0.051) | 0.80 (0.031) |
| 201209 (0805) | 2.00±0.20 (0.079±0.008) | 1.20±0.20 (0.047±0.008) | 0.90±0.20 (0.035±0.008) | 0.50±0.30 (0.020±0.012) | 1.00 (0.040) | 1.40 (0.055) | 1.20 (0.047) |
| 321609 (1206) | 3.20±0.20 (0.126±0.008) | 1.60±0.20 (0.063±0.008) | 0.90±0.20 (0.035±0.008) | 0.50±0.30 (0.020±0.012) | 1.20 (0.047) | 2.25 (0.089) | 2.00 (0.079) |
| 322513 (1210) | 3.20±0.20 (0.126±0.008) | 2.50±0.20 (0.098±0.008) | 1.30±0.20 (0.051±0.008) | 0.50±0.30 (0.020±0.012) | 1.80 (0.071) | 2.25 (0.089) | 2.00 (0.079) |
| 451616 (1806) | 4.50±0.20 (0.178±0.008) | 1.60±0.20 (0.063±0.008) | 1.60±0.20 (0.063±0.008) | 0.50±0.30 (0.020±0.012) | 1.20 (0.047) | 1.75 (0.069) | 3.00 (0.118) |
| 453215 (1812) | 4.50±0.20 (0.178±0.008) | 3.20±0.20 (0.126±0.008) | 1.50±0.20 (0.060±0.008) | 0.50±0.30 (0.020±0.012) | 2.40 (0.095) | 1.75 (0.069) | 3.00 (0.118) |

Standard Specifications

| Stamp | Impedance (Ω) | Tolerance | DCR (Ω) Max | Test frequency (MHz) | Test voltage (mV) | Rated current (mA) Max |
|------------------|---------------|-----------|-------------|----------------------|-------------------|------------------------|
| SCUB100505TL-000 | 0 | 0~15Ω | 0.05 | 100 | 50 | 1800 |
| SCUB100505TL-050 | 5 | 0~15Ω | 0.05 | 100 | 50 | 1800 |
| SCUB100505TL-070 | 7 | 0~11Ω | 0.05 | 100 | 50 | 1800 |
| SCUB100505TL-090 | 9 | 5~13Ω | 0.05 | 100 | 50 | 1800 |
| SCUB100505TL-110 | 11 | 7~15Ω | 0.05 | 100 | 50 | 1800 |
| SCUB100505TL-150 | 15 | 9~21Ω | 0.05 | 100 | 50 | 1800 |
| SCUB100505TL-190 | 19 | 12~25Ω | 0.06 | 100 | 50 | 1500 |
| SCUB100505TL-260 | 26 | ±25% | 0.08 | 100 | 50 | 1300 |
| SCUB100505TL-300 | 30 | ±25% | 0.08 | 100 | 50 | 1300 |
| SCUB100505TL-600 | 60 | ±25% | 0.10 | 100 | 50 | 1000 |
| SCUB100505TL-700 | 70 | ±25% | 0.15 | 100 | 50 | 800 |
| SCUB100505TL-800 | 80 | ±25% | 0.15 | 100 | 50 | 800 |
| SCUB100505TL-101 | 100 | ±25% | 0.15 | 100 | 50 | 800 |
| SCUB100505TL-121 | 120 | ±25% | 0.15 | 100 | 50 | 800 |
| SCUB100505TL-151 | 150 | ±25% | 0.20 | 100 | 50 | 700 |
| SCUB100505TL-201 | 200 | ±25% | 0.25 | 100 | 50 | 700 |
| SCUB100505TL-221 | 220 | ±25% | 0.30 | 100 | 50 | 600 |
| SCUB100505TL-301 | 300 | ±25% | 0.30 | 100 | 50 | 600 |
| SCUB100505TL-501 | 500 | ±25% | 0.40 | 100 | 50 | 500 |
| SCUB100505TL-601 | 600 | ±25% | 0.50 | 100 | 50 | 500 |
| SCUB100505TL-801 | 800 | ±25% | 0.65 | 100 | 50 | 300 |
| SCUB100505TL-102 | 1000 | ±25% | 0.65 | 100 | 50 | 300 |

Standard Specifications

| Stamp | Impedance (Ω) | Tolerance | DCR (Ω) Max | Test frequency (MHz) | Test voltage (mV) | Rated current (mA) Max |
|------------------|---------------|-----------|-------------|----------------------|-------------------|------------------------|
| SCUB160808TL-000 | 0 | 0~15Ω | 0.02 | 100 | 50 | 6000 |
| SCUB160808TL-050 | 5 | 0~15Ω | 0.02 | 100 | 50 | 6000 |
| SCUB160808TL-070 | 7 | 0~11Ω | 0.02 | 100 | 50 | 6000 |
| SCUB160808TL-090 | 9 | 5~13Ω | 0.02 | 100 | 50 | 6000 |
| SCUB160808TL-110 | 11 | 7~15Ω | 0.03 | 100 | 50 | 5000 |
| SCUB160808TL-150 | 15 | 9~21Ω | 0.03 | 100 | 50 | 5000 |
| SCUB160808TL-190 | 19 | 12~25Ω | 0.03 | 100 | 50 | 5000 |
| SCUB160808TL-260 | 26 | ±25% | 0.03 | 100 | 50 | 4000 |
| SCUB160808TL-300 | 30 | ±25% | 0.03 | 100 | 50 | 4000 |
| SCUB160808TL-500 | 50 | ±25% | 0.04 | 100 | 50 | 3000 |
| SCUB160808TL-600 | 60 | ±25% | 0.04 | 100 | 50 | 2500 |
| SCUB160808TL-700 | 70 | ±25% | 0.06 | 100 | 50 | 2500 |
| SCUB160808TL-800 | 80 | ±25% | 0.06 | 100 | 50 | 2500 |
| SCUB160808TL-101 | 100 | ±25% | 0.06 | 100 | 50 | 2500 |
| SCUB160808TL-121 | 120 | ±25% | 0.065 | 100 | 50 | 2000 |
| SCUB160808TL-151 | 150 | ±25% | 0.07 | 100 | 50 | 1500 |
| SCUB160808TL-181 | 180 | ±25% | 0.07 | 100 | 50 | 1500 |
| SCUB160808TL-221 | 220 | ±25% | 0.12 | 100 | 50 | 1500 |
| SCUB160808TL-301 | 300 | ±25% | 0.18 | 100 | 50 | 1000 |
| SCUB160808TL-501 | 500 | ±25% | 0.18 | 100 | 50 | 1000 |
| SCUB160808TL-601 | 600 | ±25% | 0.18 | 100 | 50 | 1000 |
| SCUB160808TL-801 | 800 | ±25% | 0.30 | 100 | 50 | 700 |
| SCUB160808TL-102 | 1000 | ±25% | 0.40 | 100 | 50 | 600 |
| SCUB160808TL-122 | 1200 | ±25% | 0.50 | 100 | 50 | 500 |
| SCUB160808TL-152 | 1500 | ±25% | 0.50 | 100 | 50 | 500 |
| SCUB160808TL-182 | 1800 | ±25% | 0.60 | 100 | 50 | 500 |
| SCUB160808TL-202 | 2000 | ±25% | 0.60 | 100 | 50 | 500 |

Standard Specifications

| Stamp | Impedance (Ω) | Tolerance | DCR (Ω) Max | Test frequency (MHz) | Test voltage (mV) | Rated current (mA) Max |
|------------------|---------------|-----------|-------------|----------------------|-------------------|------------------------|
| SCUB201209TL-000 | 0 | 0~15Ω | 0.01 | 100 | 50 | 6000 |
| SCUB201209TL-050 | 5 | 0~15Ω | 0.01 | 100 | 50 | 6000 |
| SCUB201209TL-070 | 7 | 0~11Ω | 0.01 | 100 | 50 | 6000 |
| SCUB201209TL-090 | 9 | 5~13Ω | 0.01 | 100 | 50 | 6000 |
| SCUB201209TL-110 | 11 | 7~15Ω | 0.01 | 100 | 50 | 6000 |
| SCUB201209TL-150 | 15 | 9~21Ω | 0.01 | 100 | 50 | 6000 |
| SCUB201209TL-190 | 19 | 12~25Ω | 0.01 | 100 | 50 | 6000 |
| SCUB201209TL-260 | 26 | ±25% | 0.01 | 100 | 50 | 6000 |
| SCUB201209TL-300 | 30 | ±25% | 0.01 | 100 | 50 | 6000 |
| SCUB201209TL-310 | 31 | ±25% | 0.01 | 100 | 50 | 6000 |
| SCUB201209TL-500 | 50 | ±25% | 0.03 | 100 | 50 | 3500 |
| SCUB201209TL-600 | 60 | ±25% | 0.03 | 100 | 50 | 3500 |
| SCUB201209TL-700 | 70 | ±25% | 0.04 | 100 | 50 | 3000 |
| SCUB201209TL-800 | 80 | ±25% | 0.04 | 100 | 50 | 3000 |
| SCUB201209TL-121 | 120 | ±25% | 0.05 | 100 | 50 | 3000 |
| SCUB201209TL-151 | 150 | ±25% | 0.08 | 100 | 50 | 2500 |
| SCUB201209TL-181 | 180 | ±25% | 0.08 | 100 | 50 | 2500 |
| SCUB201209TL-221 | 220 | ±25% | 0.08 | 100 | 50 | 2500 |
| SCUB201209TL-301 | 300 | ±25% | 0.08 | 100 | 50 | 2500 |
| SCUB201209TL-501 | 500 | ±25% | 0.10 | 100 | 50 | 2000 |
| SCUB201209TL-601 | 600 | ±25% | 0.10 | 100 | 50 | 2000 |
| SCUB201209TL-801 | 800 | ±25% | 0.12 | 100 | 50 | 1500 |
| SCUB201209TL-102 | 1000 | ±25% | 0.12 | 100 | 50 | 1500 |
| SCUB201209TL-122 | 1200 | ±25% | 0.20 | 100 | 50 | 800 |
| SCUB201209TL-152 | 1500 | ±25% | 0.30 | 100 | 50 | 600 |

Standard Specifications

| Stamp | Impedance (Ω) | Tolerance | DCR (Ω) Max | Test frequency (MHz) | Test voltage (mV) | Rated current (mA) Max |
|------------------|---------------|-----------|-------------|----------------------|-------------------|------------------------|
| SCUB321609TL-000 | 0 | 0~15Ω | 0.010 | 100 | 50 | 6000 |
| SCUB321609TL-050 | 5 | 0~15Ω | 0.010 | 100 | 50 | 6000 |
| SCUB321609TL-070 | 7 | 0~11Ω | 0.010 | 100 | 50 | 6000 |
| SCUB321609TL-090 | 9 | 5~13Ω | 0.015 | 100 | 50 | 6000 |
| SCUB321609TL-110 | 11 | 7~15Ω | 0.015 | 100 | 50 | 6000 |
| SCUB321609TL-150 | 15 | 9~21Ω | 0.015 | 100 | 50 | 6000 |
| SCUB321609TL-190 | 19 | 12~25Ω | 0.015 | 100 | 50 | 6000 |
| SCUB321609TL-260 | 26 | ±25% | 0.015 | 100 | 50 | 6000 |
| SCUB321609TL-280 | 28 | ±25% | 0.015 | 100 | 50 | 6000 |
| SCUB321609TL-300 | 30 | ±25% | 0.015 | 100 | 50 | 6000 |
| SCUB321609TL-310 | 31 | ±25% | 0.025 | 100 | 50 | 4000 |
| SCUB321609TL-500 | 50 | ±25% | 0.025 | 100 | 50 | 4000 |
| SCUB321609TL-600 | 60 | ±25% | 0.025 | 100 | 50 | 4000 |
| SCUB321609TL-700 | 70 | ±25% | 0.035 | 100 | 50 | 4000 |
| SCUB321609TL-800 | 80 | ±25% | 0.035 | 100 | 50 | 4000 |
| SCUB321609TL-101 | 100 | ±25% | 0.035 | 100 | 50 | 4000 |
| SCUB321609TL-121 | 120 | ±25% | 0.035 | 100 | 50 | 4000 |
| SCUB321609TL-151 | 150 | ±25% | 0.045 | 100 | 50 | 3000 |
| SCUB321609TL-181 | 180 | ±25% | 0.055 | 100 | 50 | 3000 |
| SCUB321609TL-221 | 220 | ±25% | 0.055 | 100 | 50 | 3000 |
| SCUB321609TL-301 | 300 | ±25% | 0.065 | 100 | 50 | 2500 |
| SCUB321609TL-501 | 500 | ±25% | 0.085 | 100 | 50 | 2500 |
| SCUB321609TL-601 | 600 | ±25% | 0.100 | 100 | 50 | 2000 |
| SCUB321609TL-801 | 800 | ±25% | 0.110 | 100 | 50 | 2000 |
| SCUB321609TL-102 | 1000 | ±25% | 0.120 | 100 | 50 | 2000 |

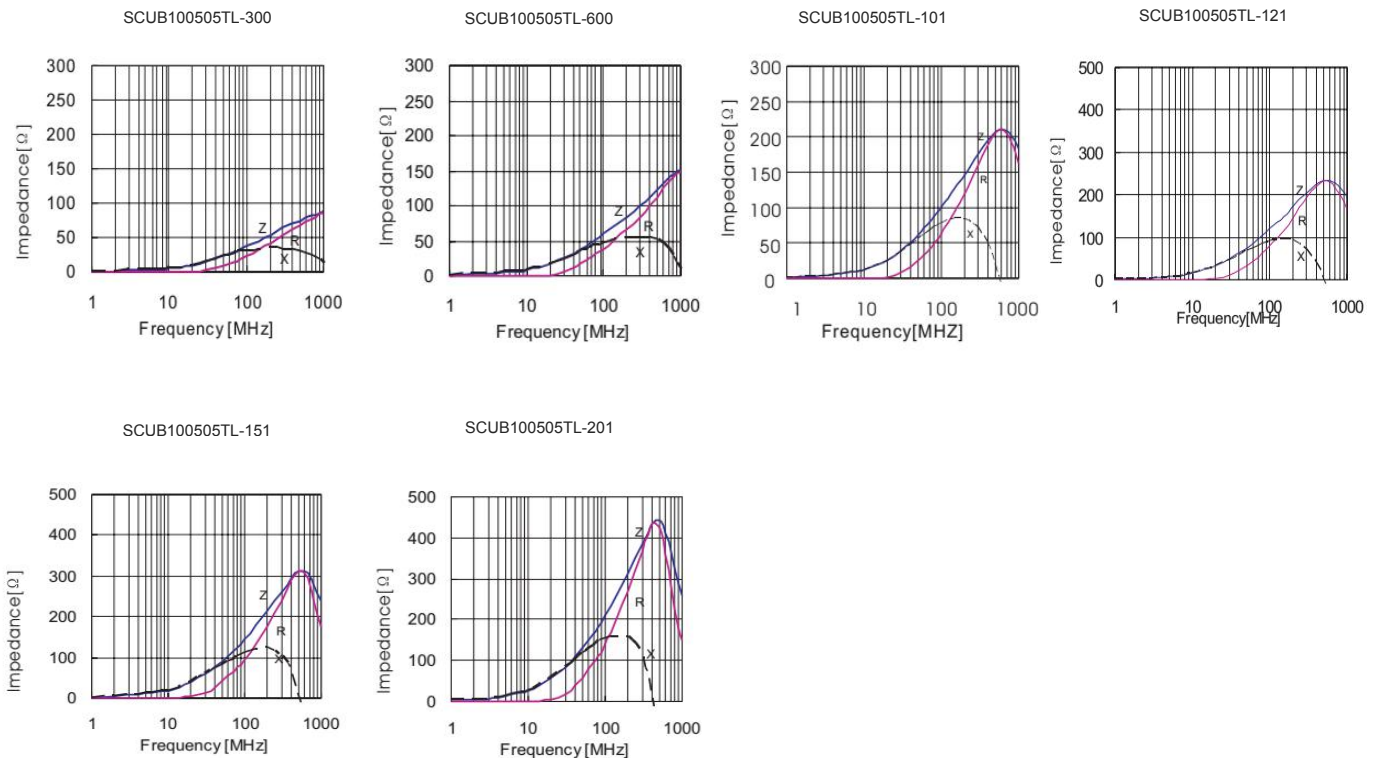
Standard Specifications

| Stamp | Impedance (Ω) | Tolerance | DCR (Ω) Max | Test frequency (MHz) | Test voltage (mV) | Rated current (mA) Max |
|------------------|---------------|-----------|-------------|----------------------|-------------------|------------------------|
| SCUB451616TL-190 | 19 | 12~25Ω | 0.010 | 100 | 50 | 6000 |
| SCUB451616TL-260 | 26 | ±25% | 0.015 | 100 | 50 | 6000 |
| SCUB451616TL-310 | 31 | ±25% | 0.015 | 100 | 50 | 6000 |
| SCUB451616TL-600 | 60 | ±25% | 0.015 | 100 | 50 | 6000 |
| SCUB451616TL-750 | 75 | ±25% | 0.020 | 100 | 50 | 4000 |
| SCUB451616TL-800 | 80 | ±25% | 0.025 | 100 | 50 | 3000 |

Standard Specifications

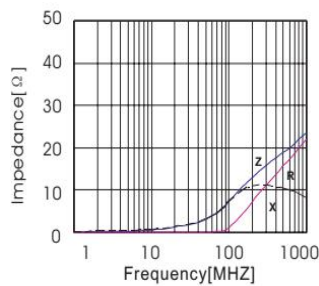
| Stamp | Impedance (Ω) | Tolerance | DCR (Ω) Max | Test frequency (MHz) | Test voltage (mV) | Rated current (mA) Max |
|------------------|---------------|-----------|-------------|----------------------|-------------------|------------------------|
| SCUB453215TL-300 | 30 | ±25% | 0.01 | 100 | 50 | 6000 |
| SCUB453215TL-310 | 31 | ±25% | 0.01 | 100 | 50 | 6000 |
| SCUB453215TL-380 | 38 | ±25% | 0.01 | 100 | 50 | 6000 |
| SCUB453215TL-600 | 40 | ±25% | 0.01 | 100 | 50 | 6000 |
| SCUB453215TL-600 | 50 | ±25% | 0.01 | 100 | 50 | 6000 |
| SCUB453215TL-600 | 60 | ±25% | 0.01 | 100 | 50 | 6000 |
| SCUB453215TL-700 | 70 | ±25% | 0.01 | 100 | 50 | 6000 |
| SCUB453215TL-101 | 100 | ±25% | 0.02 | 100 | 50 | 6000 |
| SCUB453215TL-181 | 180 | ±25% | 0.02 | 100 | 50 | 6000 |
| SCUB453215TL-221 | 220 | ±25% | 0.02 | 100 | 50 | 6000 |

SCUB100505 Series

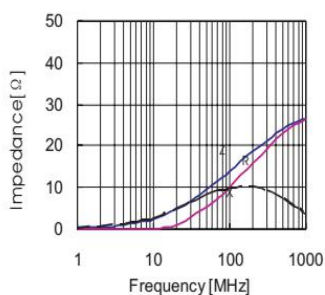


SCUB160808 Series

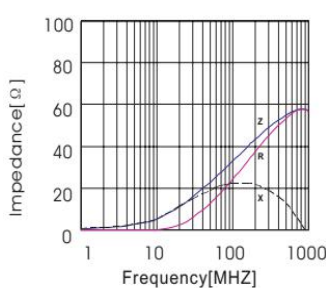
SCNB160808TL-070



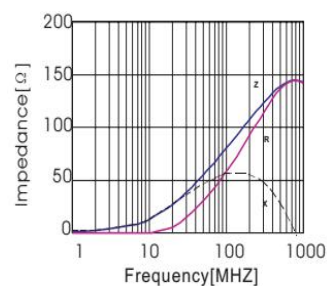
SCUB160808TL-190



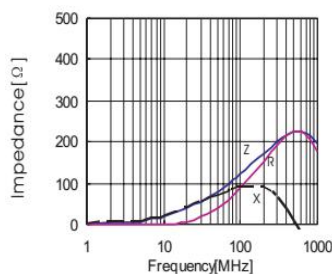
SCUB160808TL-300



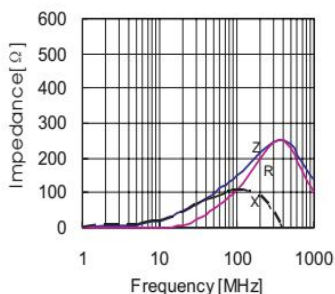
SCUB160808TL-800



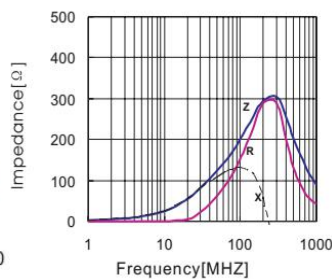
SCUB160808TL-121



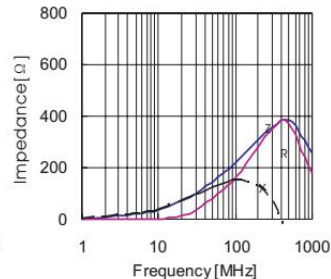
SCUB160808TL-151



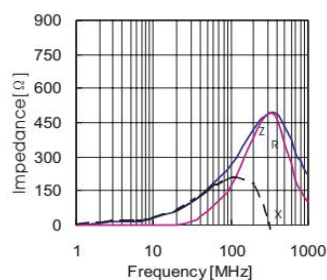
SCUB160808TL-181



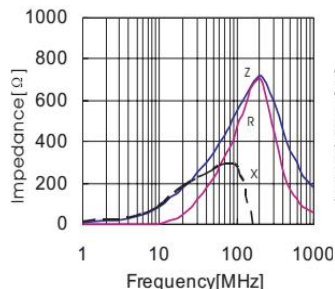
SCUB160808TL-221



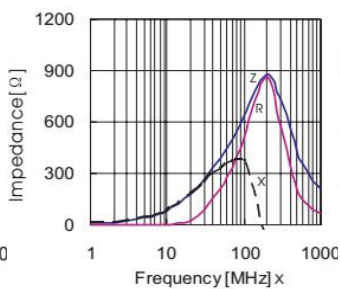
SCUB160808TL-301



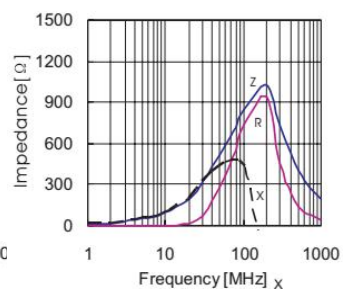
SCUB160808TL-501



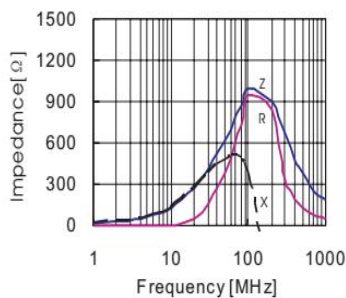
SCUB160808TL-601



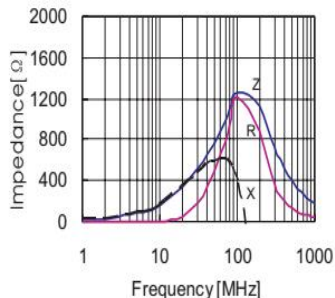
SCUB160808TL-801



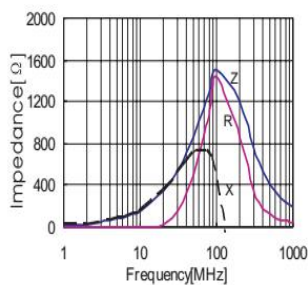
SCUB160808TL-102



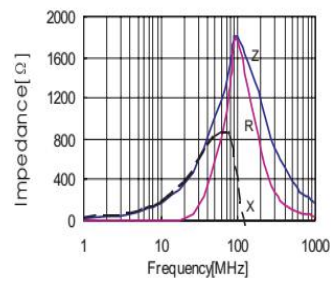
SCUB160808TL-122



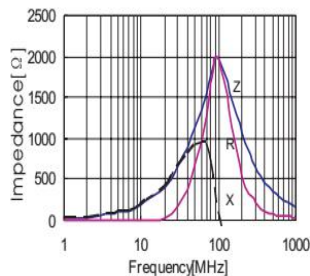
SCUB160808TL-152



SCUB160808TL-182

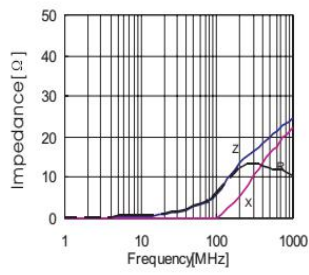


SCUB160808TL-202

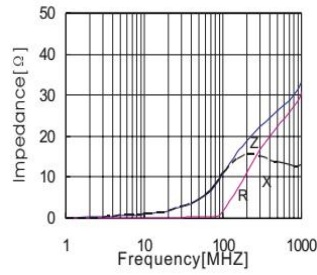


SCUB201209 Series

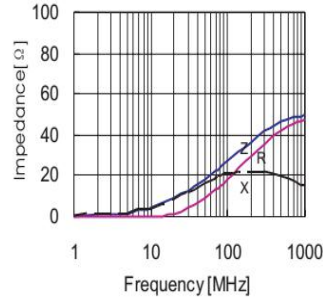
SCUB201209TL-050



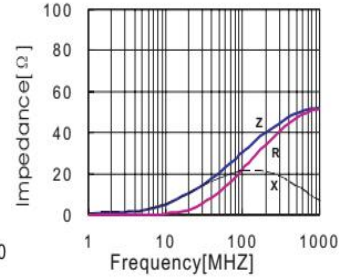
SCUB201209TL-110



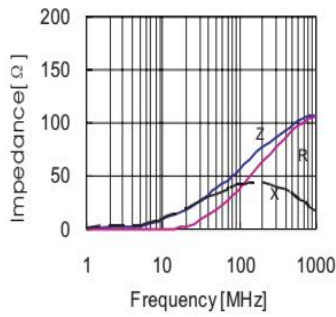
SCUB201209TL-260



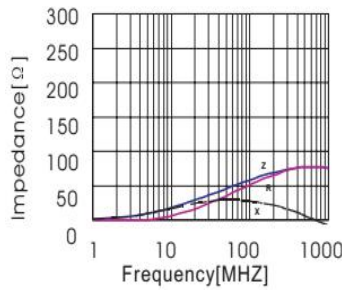
SCUB201209TL-300



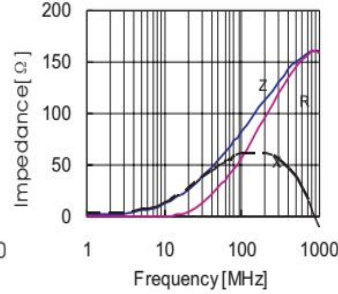
SCUB201209TL-500



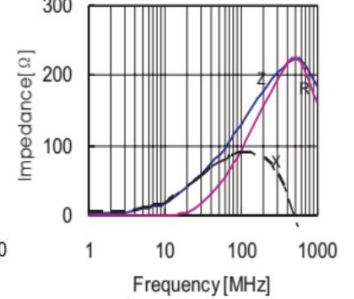
SCUB201209TL-600



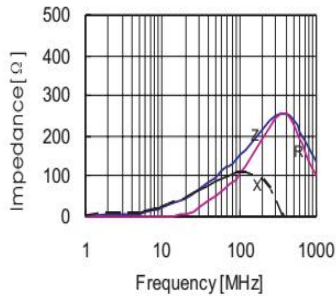
SCUB201209TL-800



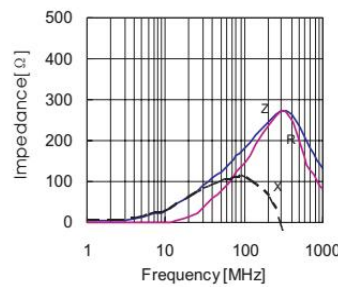
SCUB201209TL-121



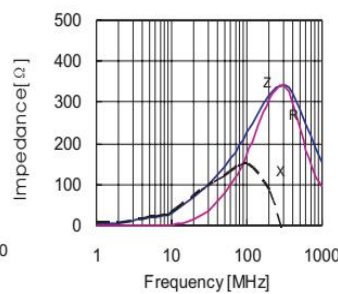
SCUB201209TL-151



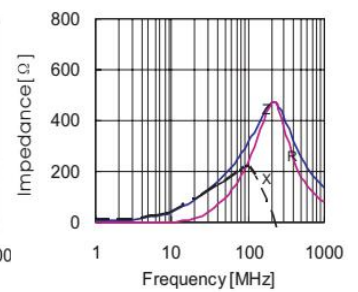
SCUB201209TL-181



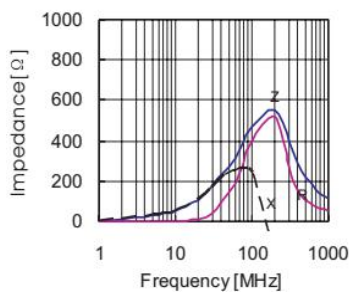
SCUB201209TL-221



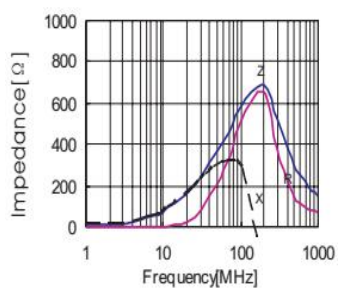
SCUB201209TL-301



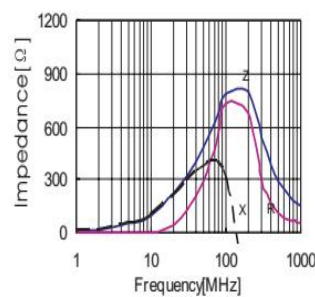
SCUB201209TL-501



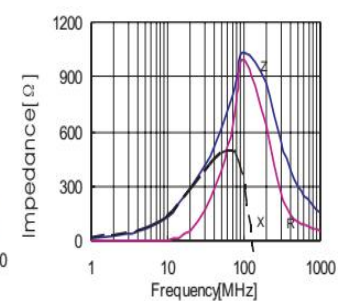
SCUB201209TL-601



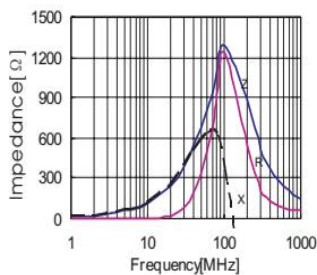
SCUB201209TL-801



SCUB201209TL-102



SCUB201209TL-122



SCUB201209TL-152

