

**Common Mode Choke AWCU Series**

**Automotive  
AEC-Q200**

RoHS Compliant  
Halogen Free  
REACH Compliant



- Noise Suppression
- Unshield
- Wire Wound
- Ferrite
- General Signal line

**Part Numbering**

| A     | WCU         | 00           | 201212               | 300           | M         | 02            |
|-------|-------------|--------------|----------------------|---------------|-----------|---------------|
| Grade | Series Name | Control Code | Dimensions Code (mm) | Impedance (Ω) | Tolerance | Internal Code |
|       |             |              | 2.05x1.25x1.2        | 300 30        | M ±20%    | 02 USB2.0     |
|       |             |              | 3.2x1.6x1.9          | 121 120       | Y ±25%    | 03 USB3.0     |

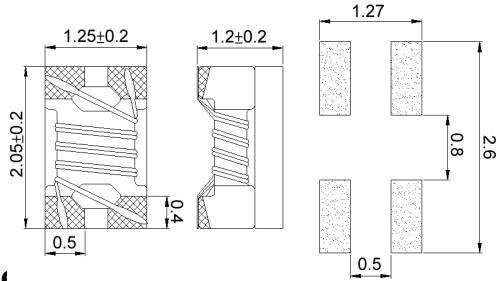
| A     | WCU         | 00           | 453226               | 510             | X         | G0            |
|-------|-------------|--------------|----------------------|-----------------|-----------|---------------|
| Grade | Series Name | Control Code | Dimensions Code (mm) | Inductance (uH) | Tolerance | Internal Code |
|       |             |              | 3.3x2.5x2.3          | 110 11          | T ±30%    | G0            |
|       |             |              | 3.3x2.5x2.5          | 510 51          | X -       | TE            |
|       |             |              | 4.5x3.2x2.6          | 101 100         |           | T2            |
|       |             |              | 4.5x3.2x2.8          |                 |           | MF            |

## Common Mode Choke AWCU Series

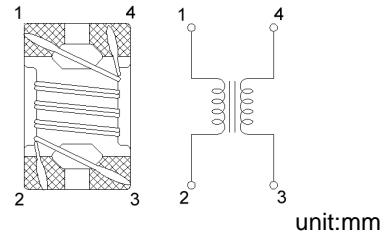
Automotive  
AEC-Q200

### AWCU00201212-02 Type

#### ■ Dimensions / Recommended Land Pattern



#### ■ NO Polarity Equivalent circuit



#### ■ Electrical Characteristics

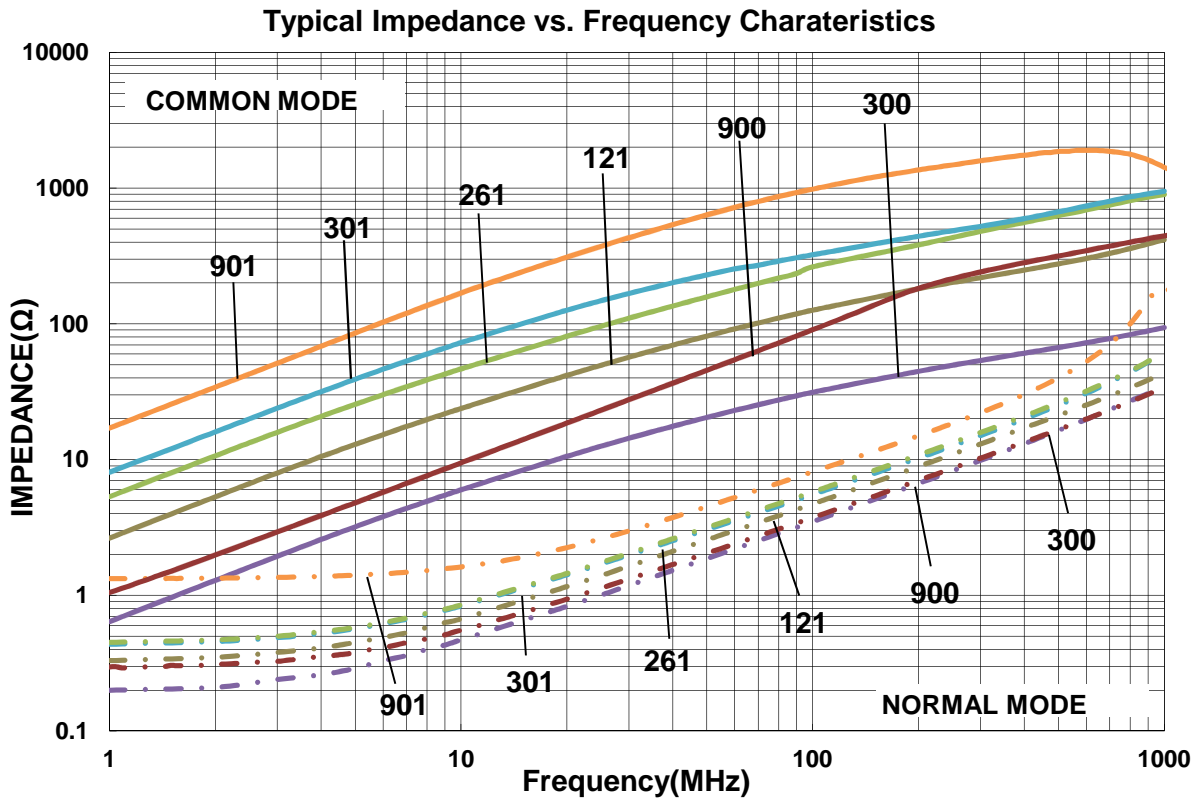
| Part No.           | Impedance (Ω) | Test Freq. (MHz) | RDC (Ω)Max. | IDC (mA) | Rated Voltage (Vdc)Max. | Withstanding Voltage (Vdc) | Insulation Resistance (MΩ)Min. | Tolerance (±%) |
|--------------------|---------------|------------------|-------------|----------|-------------------------|----------------------------|--------------------------------|----------------|
| AWCU00201212300□02 | 30            | 100              | 0.2         | 450      | 50                      | 125                        | 10                             | 20             |
| AWCU00201212670□02 | 67            | 100              | 0.25        | 400      | 50                      | 125                        | 10                             | 20             |
| AWCU00201212750□02 | 75            | 100              | 0.3         | 360      | 50                      | 125                        | 10                             | 20             |
| AWCU00201212900□02 | 90            | 100              | 0.35        | 330      | 50                      | 125                        | 10                             | 20             |
| AWCU00201212121□02 | 120           | 100              | 0.3         | 400      | 50                      | 125                        | 10                             | 20             |
| AWCU00201212161□02 | 160           | 100              | 0.35        | 350      | 50                      | 125                        | 10                             | 20             |
| AWCU00201212181□02 | 180           | 100              | 0.35        | 330      | 50                      | 125                        | 10                             | 20             |
| AWCU00201212221□02 | 200           | 100              | 0.35        | 330      | 50                      | 125                        | 10                             | 20             |
| AWCU00201212221□02 | 220           | 100              | 0.35        | 310      | 50                      | 125                        | 10                             | 20             |
| AWCU00201212261□02 | 260           | 100              | 0.4         | 300      | 50                      | 125                        | 10                             | 20             |
| AWCU00201212301□02 | 300           | 100              | 0.4         | 290      | 50                      | 125                        | 10                             | 20             |
| AWCU00201212361□02 | 360           | 100              | 0.45        | 280      | 50                      | 125                        | 10                             | 20             |
| AWCU00201212371□02 | 370           | 100              | 0.45        | 280      | 50                      | 125                        | 10                             | 20             |
| AWCU00201212501□02 | 500           | 100              | 0.55        | 170      | 50                      | 125                        | 10                             | 20             |
| AWCU00201212671□02 | 670           | 100              | 0.6         | 140      | 50                      | 125                        | 10                             | 20             |
| AWCU00201212901□02 | 900           | 100              | 0.6         | 80       | 50                      | 125                        | 10                             | 20             |

**Note: When ordering, please specify tolerance code. Tolerance: M=±20%**

1. Operating temperature range - 50°C ~ 150°C(Including self - temperature rise)
2. RDC: SINGLE WIRE TEST VALUE
3. IDC for Inductance drop 10% from its value without current.
4. Measure Equipment:  
 Z: Agilent HP4287A+Agilent 16197A  
 RDC: Chroma 16502 (Single Wire Test Value)  
 IDC: HP4284A+HP42841A/HP4285A+HP42841A

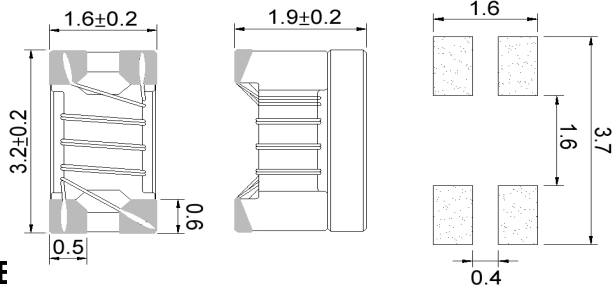
**AWCU00201212-02 Type**

**Characteristics Graph**

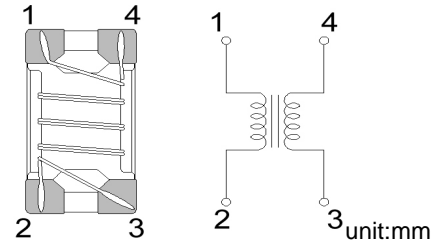


**AWCU00321619-02 Type**

**Dimensions / Recommended Land Pattern**



**NO Polarity Equivalent circuit**



**E**

| Part No.           | Impedance (Ω) | Test Freq. (MHz) | RDC (Ω)Max. | IDC (mA) | Rated Voltage (Vdc)Max. | Withstanding Voltage (Vdc) | Insulation Resistance (MΩ)Min. | Tolerance (±%) |
|--------------------|---------------|------------------|-------------|----------|-------------------------|----------------------------|--------------------------------|----------------|
| AWCU00321619900□02 | 90            | 100              | 0.3         | 370      | 50                      | 125                        | 10                             | 20             |
| AWCU00321619121□02 | 120           | 100              | 0.3         | 370      | 50                      | 125                        | 10                             | 20             |
| AWCU00321619161□02 | 160           | 100              | 0.4         | 340      | 50                      | 125                        | 10                             | 20             |
| AWCU00321619221□02 | 220           | 100              | 0.4         | 320      | 50                      | 125                        | 10                             | 20             |
| AWCU00321619261□02 | 260           | 100              | 0.5         | 310      | 50                      | 125                        | 10                             | 20             |
| AWCU00321619601□02 | 600           | 100              | 0.8         | 260      | 50                      | 125                        | 10                             | 20             |
| AWCU00321619102□02 | 1000          | 100              | 1           | 230      | 50                      | 125                        | 10                             | 20             |
| AWCU00321619222□02 | 2200          | 100              | 1.2         | 200      | 50                      | 125                        | 10                             | 20             |

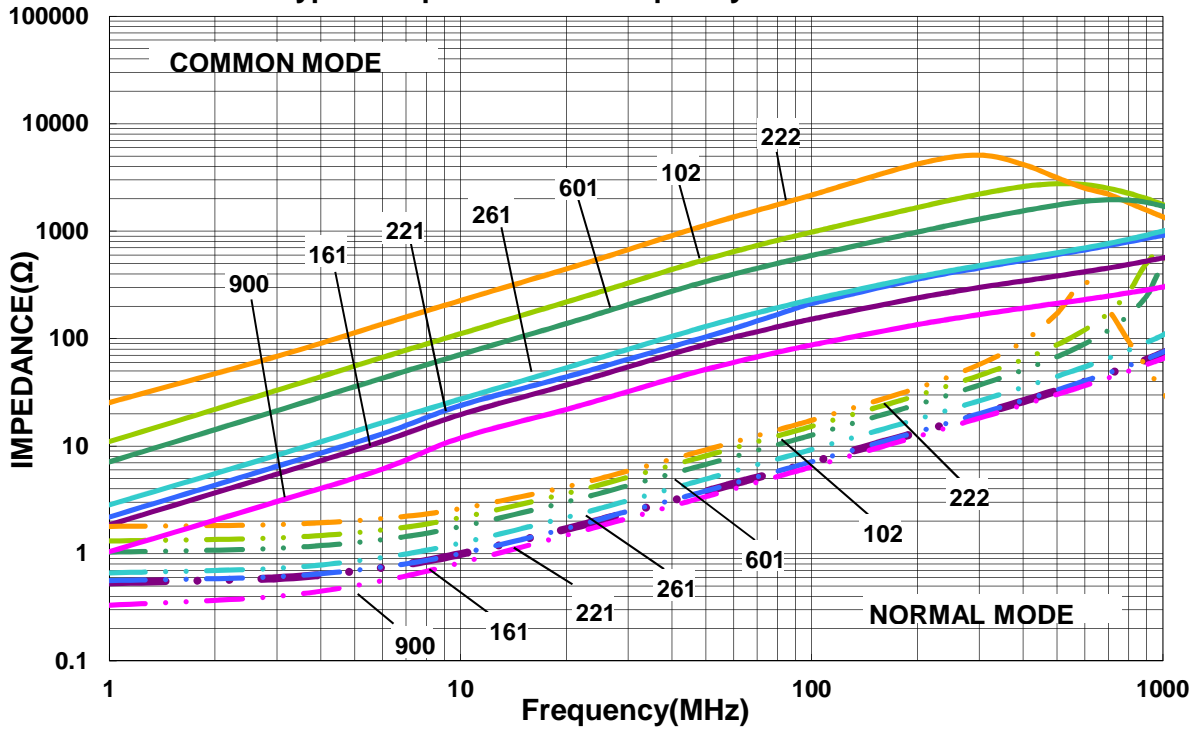
**Note: When ordering, please specify tolerance code. Tolerance: M=±20%**

1. Operating temperature range - 50°C ~ 150°C(Including self - temperature rise)
2. RDC: SINGLE WIRE TEST VALUE
3. IDC for Inductance drop 10% from its value without current.
4. Measure Equipment:  
 Z: Agilent HP4287A+Agilent 16197A  
 RDC: Chroma 16502 (Single Wire Test Value)  
 IDC: HP4284A+HP42841A/HP4285A+HP42841A

**AWCU00321619-02 Type**

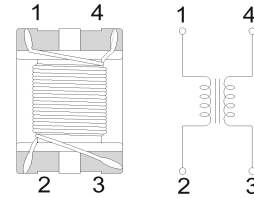
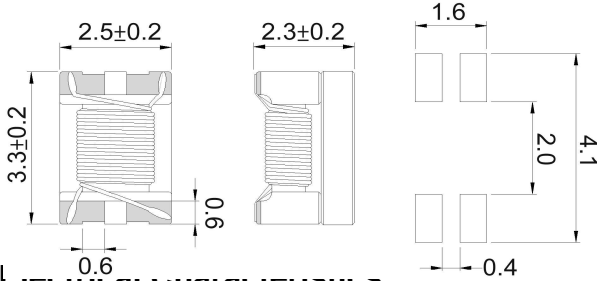
**Characteristics Graph**

**Typical Impedance vs. Frequency Characteristics**



**AWCU00332523 Type**

**Dimensions / Recommended Land Pattern    NO Polarity Equivalent circuit**



unit:mm

**Electrical Characteristics**

| Part No.           | Impedance<br>( $\Omega$ )10MHz<br>Min.(Typ.) | Inductance<br>( $\mu$ H)+50/-30 | Stary<br>Inductance<br>( $\mu$ H)Typ. | Test Freq. | RDC<br>( $\Omega$ )Max. | Irms<br>(mA)Max. | Rated<br>Voltage<br>(Vdc)Max. | Insulation<br>Resistance<br>(M $\Omega$ )Min. |
|--------------------|--|---------------------------------|---------------------------------------|------------|-------------------------|------------------|-------------------------------|---|
| AWCU00332523110XT2 | 300(550)                                     | 11                              | 0.05                                  | 100kHz     | 0.4                     | 300              | 80                            | 10  |
| AWCU00332523220XT2 | 500(1100)                                    | 22                              | 0.06                                  | 100kHz     | 0.5                     | 250              | 80                            | 10  |
| AWCU00332523510XT2 | 1000(2600)                                   | 51                              | 0.09                                  | 100kHz     | 0.7                     | 200              | 80                            | 10  |
| AWCU00332523101XT2 | 2200(5100)                                   | 100                             | 0.13                                  | 100kHz     | 1.5                     | 150              | 80                            | 10  |

**Note:**

1. Operating temperature range - 50°C ~ 150°C(Including self - temperature rise)
2. RDC: SINGLE WIRE TEST VALUE
3. Irms for 15°C rise above 25°C ambient.
4. Measure Equipment:  
L: HP4284A+HP42841A/HP4285A+HP42841A  
RDC: CHROMA MILLIOM METER MODE 16502  
Irms: HP4284A+HP42841A/HP4285A+HP42841A  
Insulation Resistance: HP4339B

**Electrical Characteristics**

| Part No.           | Inductance<br>( $\mu$ H)+50/-30 | Test Freq. | RDC<br>( $\Omega$ )Max. | Irms<br>(mA)Max. | Rated<br>Voltage<br>(Vdc) | Withstanding<br>Voltage<br>(Vdc) | Insulation<br>Resistance<br>(M $\Omega$ )Min. |
|--------------------|---------------------------------|------------|-------------------------|------------------|---------------------------|----------------------------------|---|
| AWCU00332523101XMF | 100                             | 100kHz     | 2.2                     | 115              | 50                        | 125                              | 10  |

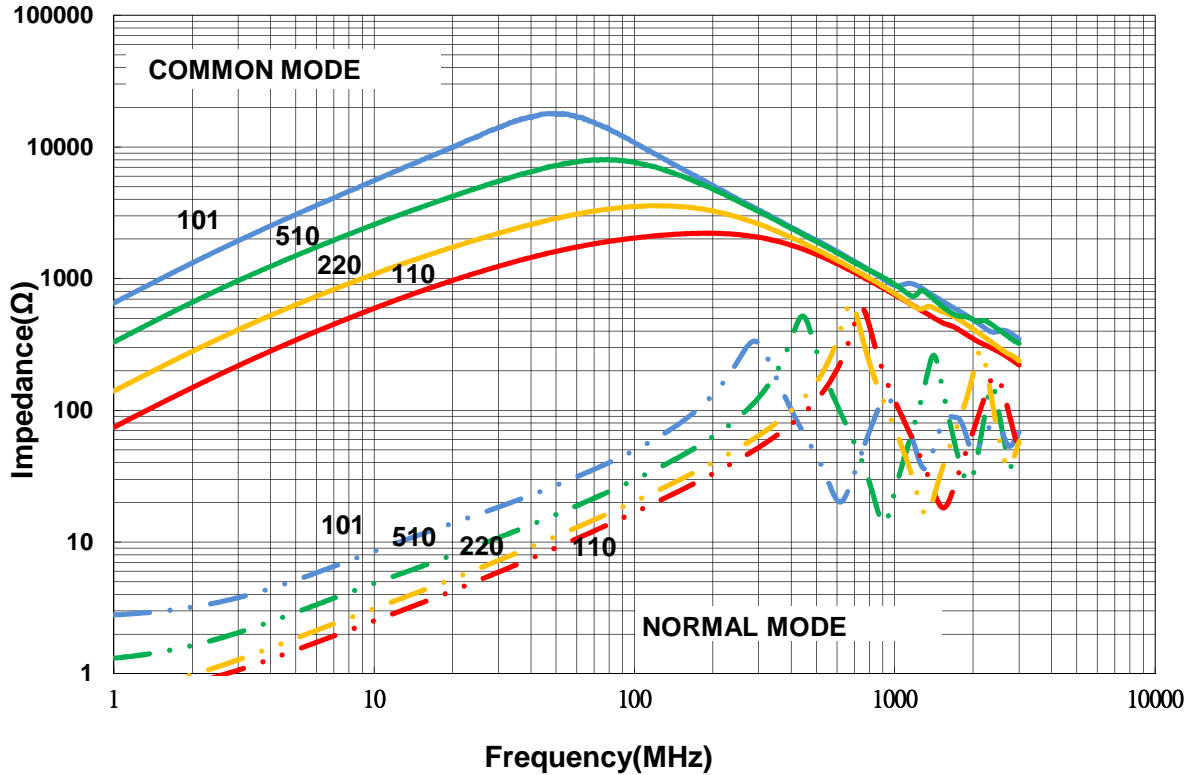
**Note:**

1. Operating temperature range - 40°C ~ 125°C(Including self - temperature rise)
2. RDC: SINGLE WIRE TEST VALUE
3. Irms for 15°C rise above 25°C ambient.
4. Measure Equipment:  
L: HP4284A+HP42841A/HP4285A+HP42841A  
RDC: CHROMA MILLIOM METER MODE 16502  
Irms: HP4284A+HP42841A/HP4285A+HP42841A  
Insulation Resistance: HP4339B

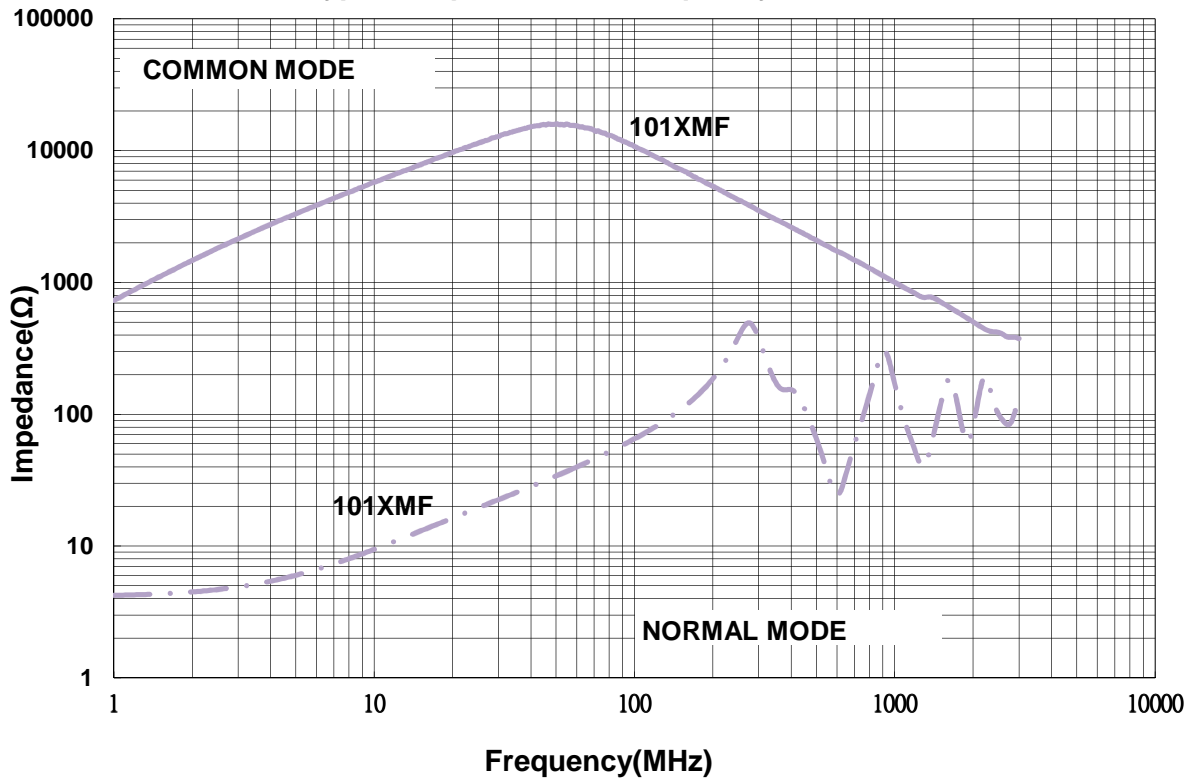
**AWCU00332523 Type**

**Characteristics Graph**

**Typical Impedance vs. Frequency Charateristics**



**Typical Impedance vs. Frequency Charateristics**

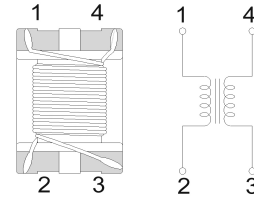
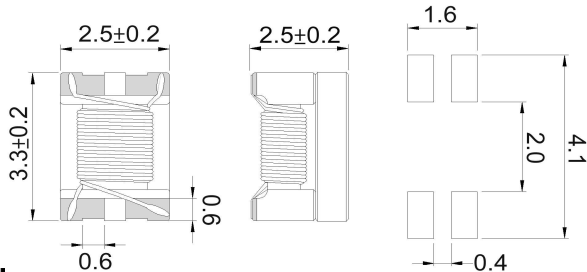


## Common Mode Choke AWCU Series

Automotive  
AEC-Q200

### AWCU00332525 Type

#### ■ Dimensions / Recommended Land Pattern ■ NO Polarity Equivalent circuit



unit:mm

#### ■ Electrical Characteristics

| Part No.           | Impedance<br>( $\Omega$ )10MHz<br>Min.(Typ.) | Inductance<br>( $\mu$ H)+50/-30 | Stary<br>Inductance<br>( $\mu$ H)Typ. | Test Freq. | RDC<br>( $\Omega$ )Max. | I <sub>rms</sub><br>(mA)Max. | Rated<br>Voltage<br>(Vdc)Max. | Insulation<br>Resistance<br>(M $\Omega$ )Min. |
|--------------------|--|---------------------------------|---------------------------------------|------------|-------------------------|------------------------------|-------------------------------|---|
| AWCU00332525110XG0 | 300(550)                                     | 11                              | 0.05                                  | 100kHz     | 0.4                     | 300                          | 80                            | 10  |
| AWCU00332525220XG0 | 500(1100)                                    | 22                              | 0.06                                  | 100kHz     | 0.5                     | 250                          | 80                            | 10  |
| AWCU00332525510XG0 | 1000(2600)                                   | 51                              | 0.09                                  | 100kHz     | 0.7                     | 200                          | 80                            | 10  |
| AWCU00332525101XG0 | 2200(5100)                                   | 100                             | 0.13                                  | 100kHz     | 1.5                     | 150                          | 80                            | 10  |

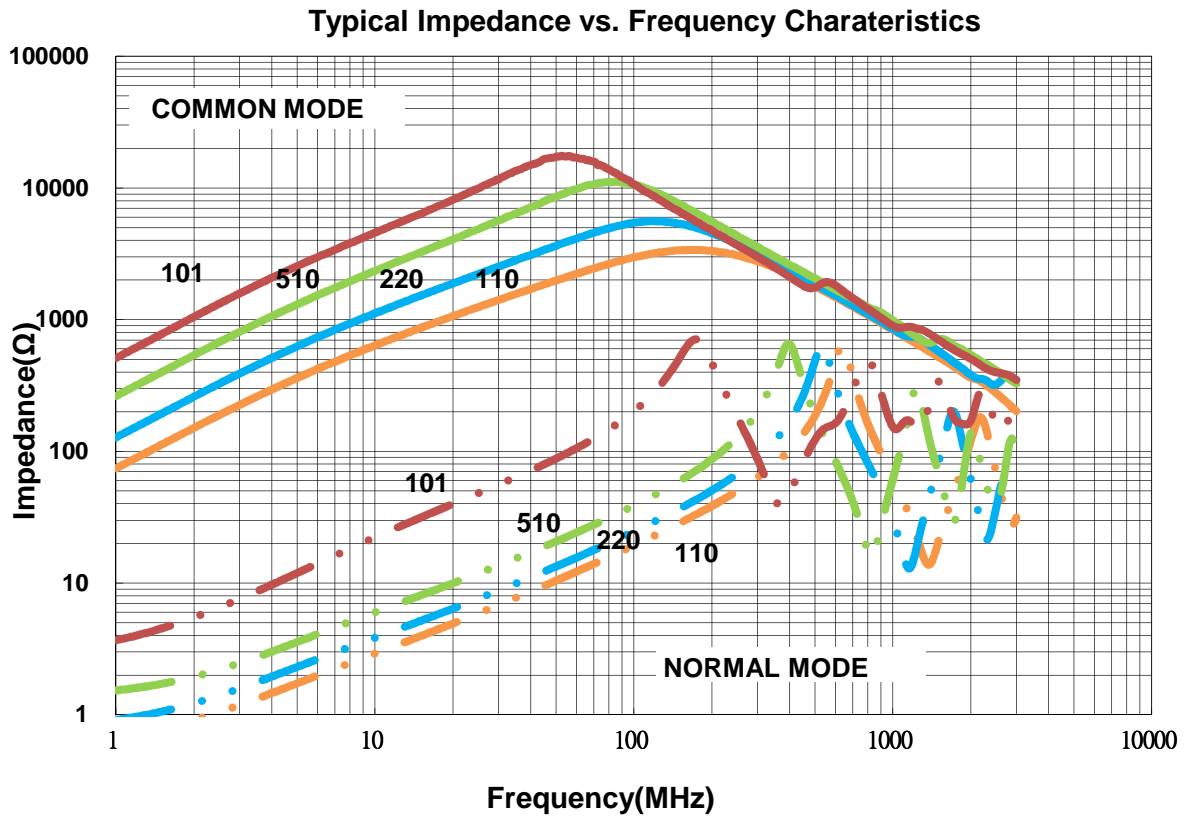
#### Note:

1. Operating temperature range - 50°C ~ 150°C(Including self - temperature rise)
2. RDC: SINGLE WIRE TEST VALUE
3. I<sub>rms</sub> for 15°C rise above 25°C ambient.
4. Measure Equipment:  
 L: HP4284A+HP42841A/HP4285A+HP42841A  
 RDC: CHROMA MILLIOM METER MODE 16502  
 I<sub>rms</sub>: HP4284A+HP42841A/HP4285A+HP42841A  
 Insulation Resistance: HP4339B



**AWCU00332525 Type**

**Characteristics Graph**

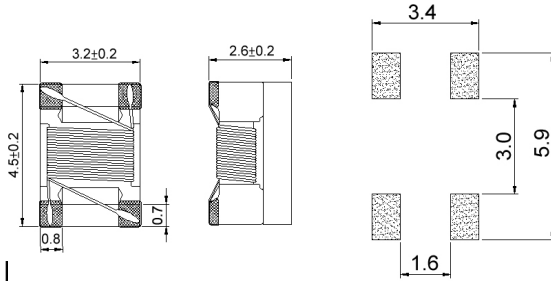


## Common Mode Choke AWCU Series

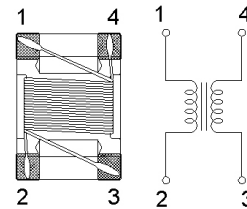
Automotive  
AEC-Q200

### AWCU00453226-T2 Type

#### ■ Dimensions/Recommended Land Pattern



#### ■ NO Polarity Equivalent circuit



unit:mm

| Part No.           | Inductance<br>(uH) | Test<br>Freq. | Impedance   |             | Test<br>Freq.<br>(MHz) | RDC<br>(Ω)<br>Max. | Irms<br>(mA)<br>Max. | Rated<br>Voltage<br>(Vdc)Max. | Withstanding<br>Voltage<br>(Vdc) | Insulation<br>Resistance<br>(MΩ)Min. | ToI.<br>(±%) |
|--------------------|--------------------|---------------|-------------|-------------|------------------------|--------------------|----------------------|-------------------------------|----------------------------------|--------------------------------------|--------------|
|                    |                    |               | (Ω)<br>Min. | (Ω)<br>Typ. |                        |                    |                      |                               |                                  |                                      |              |
| AWCU00453226113□T2 | 11                 | 100kHz        | 300         | 600         | 10                     | 0.6                | 250                  | 50                            | 125                              | 10                                   | 30           |
| AWCU00453226223□T2 | 22                 | 100kHz        | 500         | 1200        | 10                     | 1                  | 200                  | 50                            | 125                              | 10                                   | 30           |
| AWCU00453226513□T2 | 51                 | 100kHz        | 1000        | 2800        | 10                     | 1                  | 200                  | 50                            | 125                              | 10                                   | 30           |
| AWCU00453226104□T2 | 100                | 100kHz        | 2000        | 5800        | 10                     | 2                  | 150                  | 50                            | 125                              | 10                                   | 30           |

**Note: When ordering, please specify tolerance code. Tolerance: T=±30%**

1. Operating temperature range - 50°C ~ 150°C(Including self - temperature rise)

2. RDC: SINGLE WIRE TEST VALUE

3. Irms for 40°C rise above 25°C ambient.

4. Measure Equipment:

Z: HP4286A / HP4287A / AgilentE4991A

L: HP4284A+HP42841A/HP4285A+HP42841A

RDC: CHROMA MILLIOM METER MODE 16502

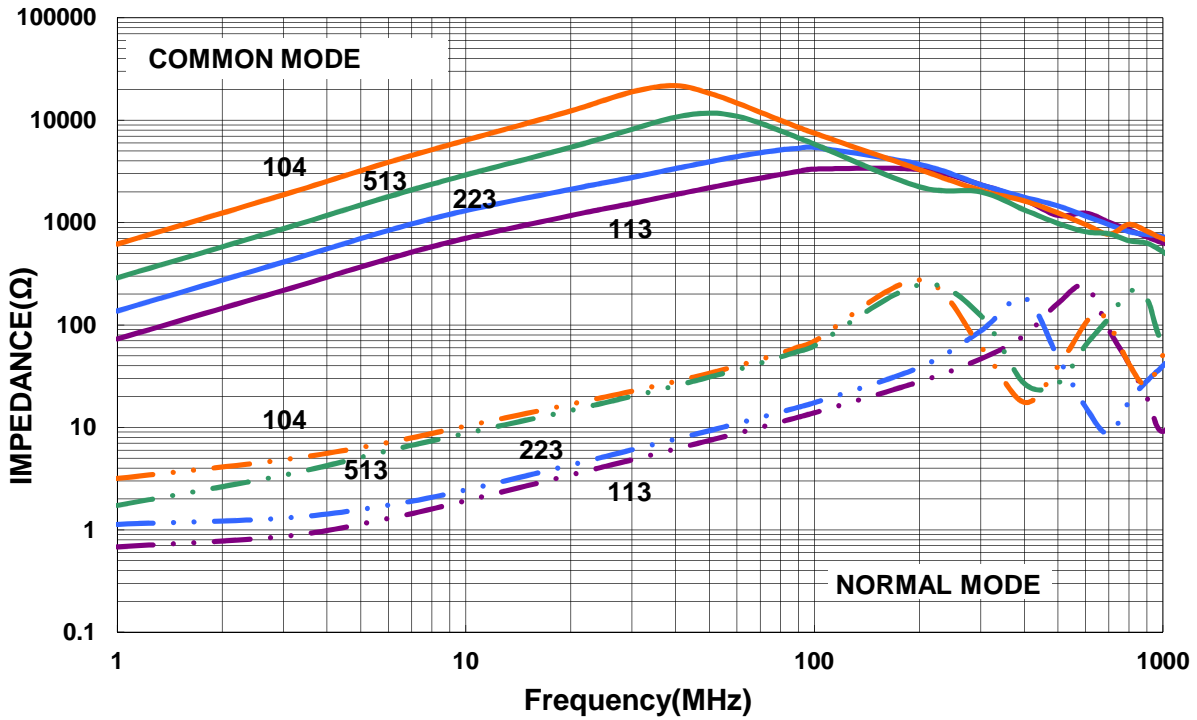
Irms: HP4284A+HP42841A/HP4285A+HP42841A

Insulation Resistance: HP4339B

**AWCU00453226-T2 Type**

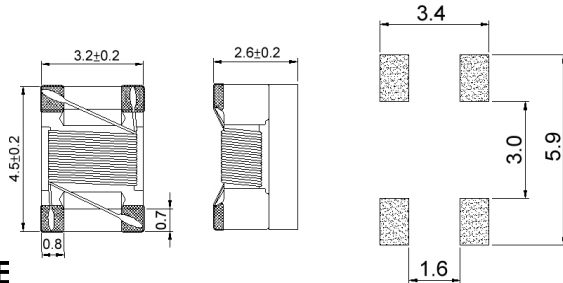
**Characteristics Graph**

**Typical Impedance vs. Frequency Characteristics**



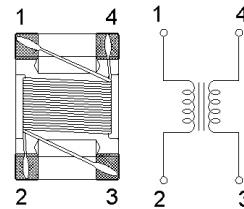
**AWCU00453226-M2 Type**

**■ Dimensions/Recommended Land Pattern**



**■ E**

**■ NO Polarity Equivalent circuit**



unit:mm

| Part No.           | Inductance (uH) | Test Freq.   | RDC (Ω)Max. | I <sub>rms</sub> (mA)Max. | Rated Voltage (Vdc)Max. | Withstanding Voltage (Vdc) | Insulation Resistance (MΩ)Min. | Tolerance (±%) |
|--------------------|-----------------|--------------|-------------|---------------------------|-------------------------|----------------------------|--------------------------------|----------------|
| AWCU00453226113□M2 | 11              | 100kHz,100mV | 0.5         | 360                       | 50                      | 125                        | 10                             | 30             |
| AWCU00453226223□M2 | 22              | 100kHz,100mV | 0.6         | 310                       | 50                      | 125                        | 10                             | 30             |
| AWCU00453226513□M2 | 51              | 1MHz,200mV   | 1           | 230                       | 50                      | 125                        | 10                             | 30             |
| AWCU00453226104□M2 | 100             | 1MHz,200mV   | 2           | 200                       | 50                      | 125                        | 10                             | 30             |

**Note: When ordering, please specify tolerance code. Tolerance: T=±30%**

1. Operating temperature range - 50°C ~ 150°C(Including self - temperature rise)

2. RDC: SINGLE WIRE TEST VALUE

3. I<sub>rms</sub> for 40°C rise above 25°C ambient.

4. Measure Equipment:

L: HP4284A+HP42841A/HP4285A+HP42841A

RDC: CHROMA MILLIOM METER MODE 16502

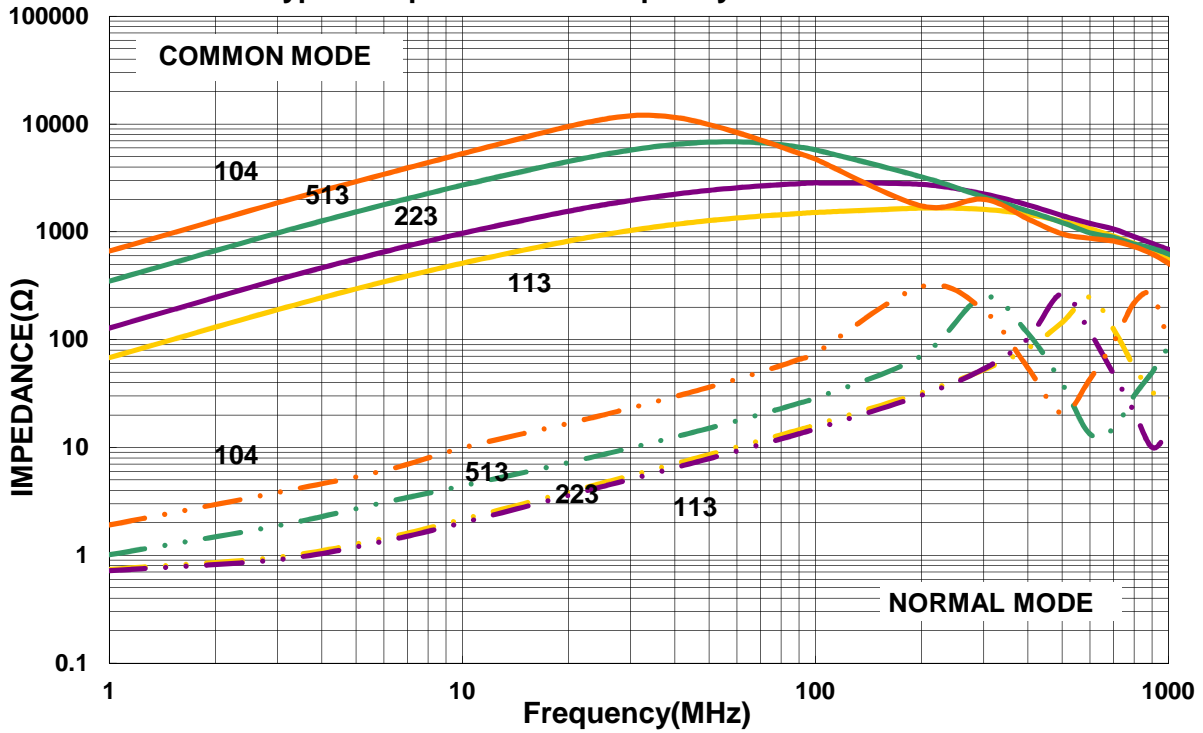
I<sub>rms</sub>: HP4284A+HP42841A/HP4285A+HP42841A

Insulation Resistance: HP4339B

**AWCU00453226-M2 Type**

**Characteristics Graph**

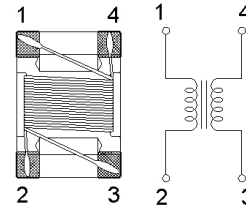
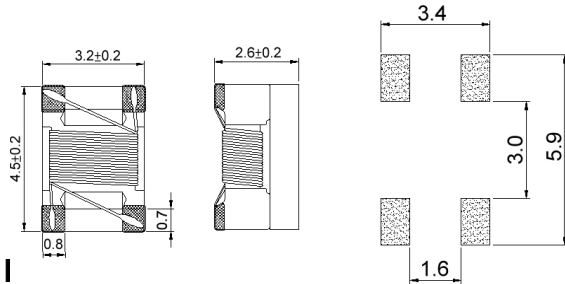
**Typical Impedance vs. Frequency Characteristics**



**AWCU00453226-G0 Type**

**Dimensions / Recommended Land Pattern**

**NO Polarity Equivalent circuit**



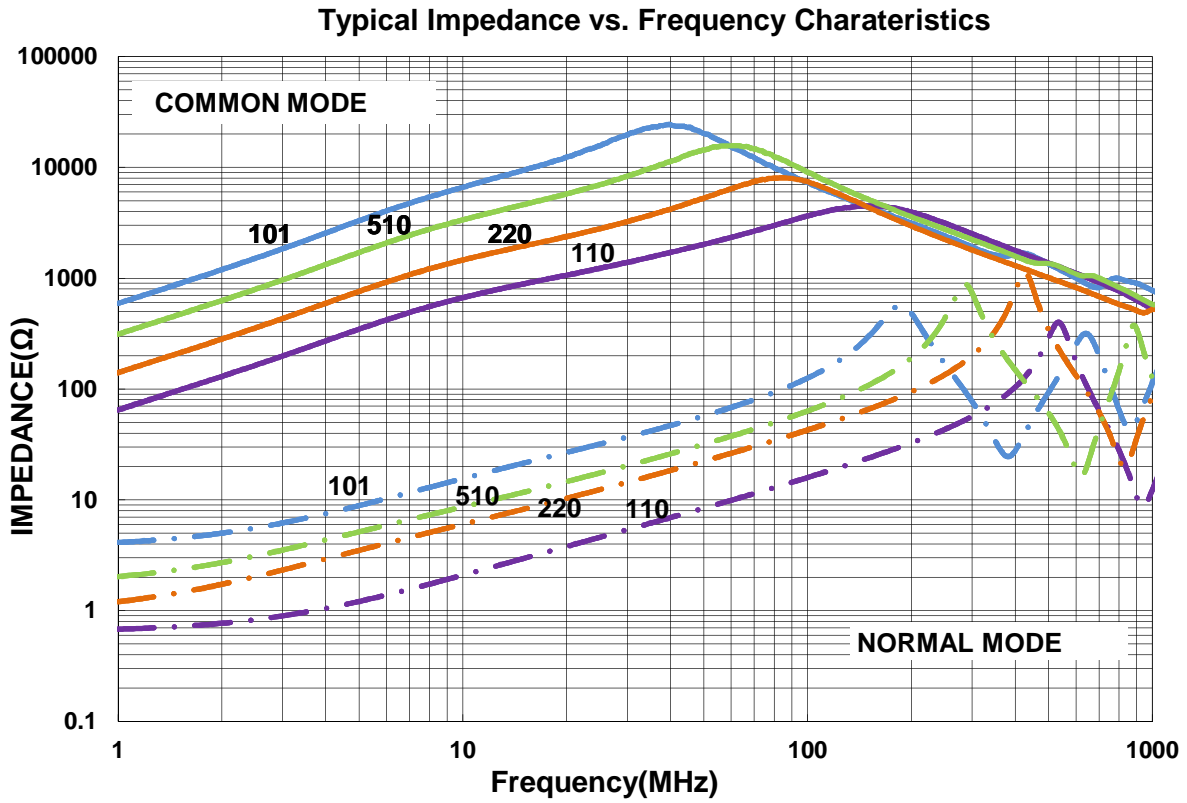
unit:mm

| Part No.           | Inductance1<br>(uH)<br>100kHz(50/-30%) | Inductance2<br>(uH)<br>1MHz(Typ.) | Impedance<br>(Ω)<br>10MHz(Typ.) | RDC<br>(Ω)Max. | Irms<br>(mA)Max. | Rated<br>Voltage<br>(Vdc)Max. | Withstanding<br>Voltage<br>(Vdc) | Insulation<br>Resistance<br>(MΩ)Min. |
|--------------------|--|-----------------------------------|---------------------------------|----------------|------------------|-------------------------------|----------------------------------|--------------------------------------|
| AWCU00453226110XG0 | 11                                     | -                                 | 670                             | 0.5            | 360              | 50                            | 125                              | 10                                   |
| AWCU00453226220XG0 | 22                                     | -                                 | 1450                            | 0.6            | 310              | 50                            | 125                              | 10                                   |
| AWCU00453226510XG0 | 51                                     | 51                                | 3500                            | 1              | 230              | 50                            | 125                              | 10                                   |
| AWCU00453226101XG0 | 100                                    | 100                               | 6500                            | 2              | 200              | 50                            | 125                              | 10                                   |

1. Operating temperature range - 50°C ~ 150°C(Including self - temperature rise)
2. RDC: SINGLE WIRE TEST VALUE
3. Irms for 40°C rise above 25°C ambient.
4. Measure Equipment:  
 L: HP4284A+HP42841A/HP4285A+HP42841A  
 RDC: CHROMA MILLIOM METER MODE 16502  
 Irms: HP4284A+HP42841A/HP4285A+HP42841A  
 Insulation Resistance: HP4339B

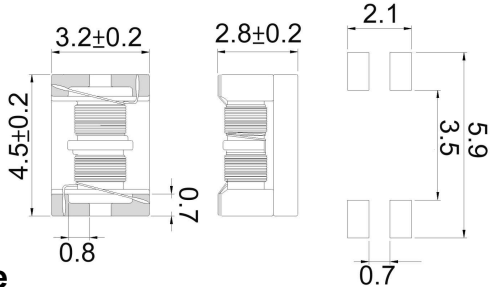
**AWCU00453226-G0 Type**

**Characteristics Graph**



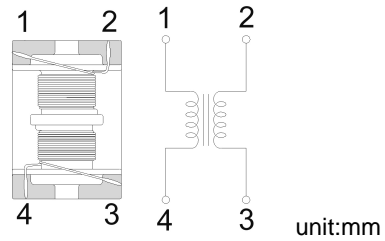
**AWCU00453228 Type**

**■ Dimensions / Recommended Land Pattern**



**■ Ele**

**■ NO Polarity Equivalent circuit**



| Part No.           | Inductance<br>(uH)+60/-20 | Test Freq. | RDC<br>(Ω)Max. | I <sub>rms</sub><br>(mA)Max. | Rated Voltage<br>(Vdc)Max. | Insulation<br>Resistance<br>(MΩ)Min. |
|--------------------|---------------------------|------------|----------------|------------------------------|----------------------------|--------------------------------------|
| AWCU00453228201XTE | 200                       | 100kHz     | 4.5            | 100                          | 50                         | 10                                   |

**Note:**

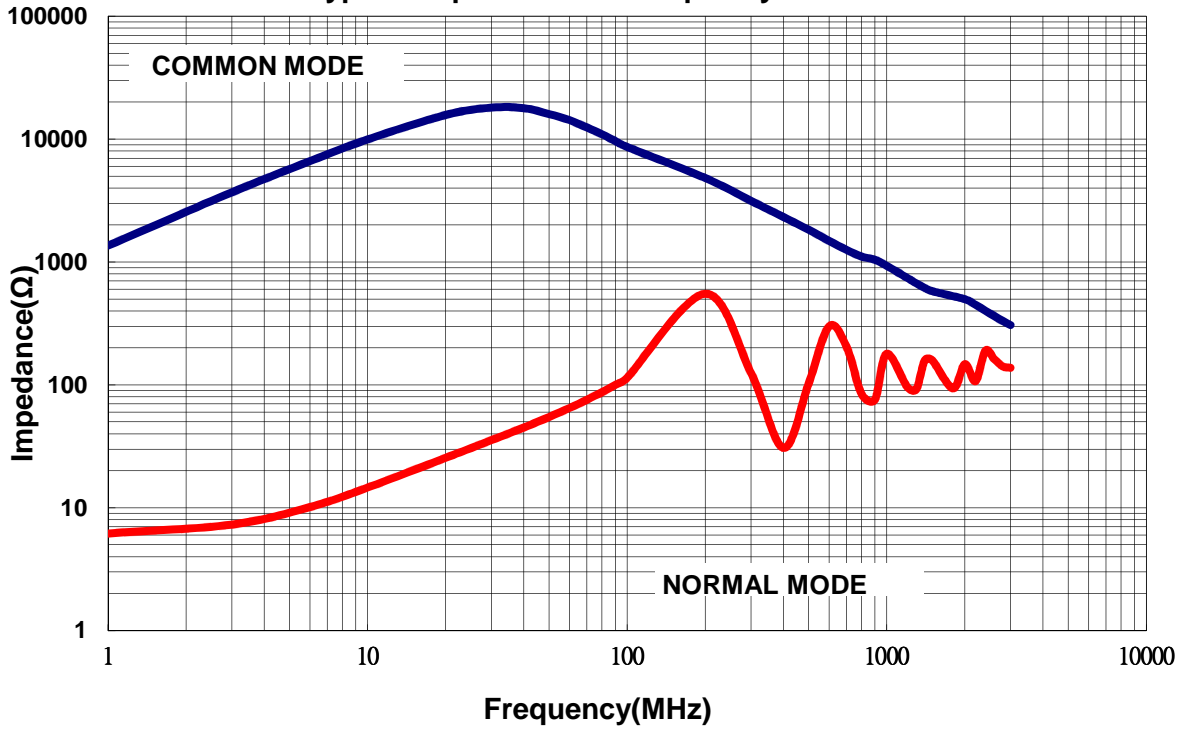
1. Operating temperature range - 40°C ~ 125°C(Including self - temperature rise)
2. RDC: SINGLE WIRE TEST VALUE
3. I<sub>rms</sub> for 15°C rise above 25°C ambient.
4. Measure Equipment:  
 L: HP4284A+HP42841A/HP4285A+HP42841A  
 RDC: CHROMA MILLIOM METER MODE 16502  
 I<sub>rms</sub>: HP4284A+HP42841A/HP4285A+HP42841A  
 Insulation Resistance: HP4339B

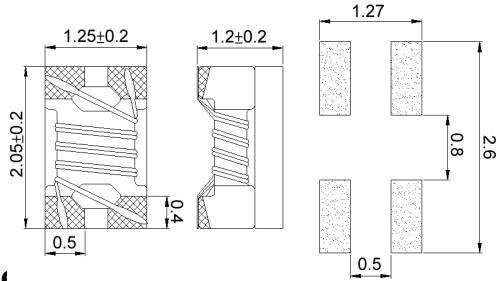
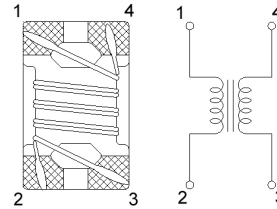


**AWCU00453228 Type**

**Characteristics Graph**

**Typical Impedance vs. Frequency Characteristics**



**AWCU00201212-03 Type**
**■ Dimensions / Recommended Land Pattern**

**■ NO Polarity Equivalent circuit**


unit:mm

**■ Electrical Characteristics**

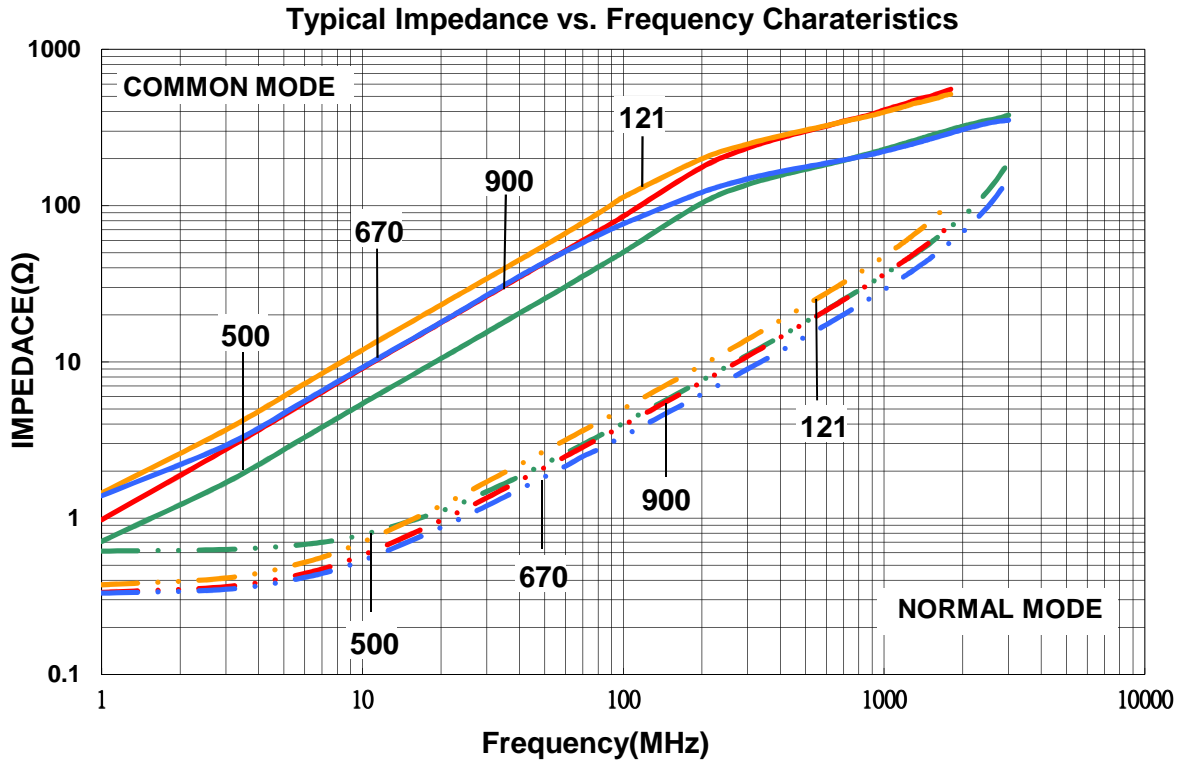
| Part No.           | Impedance (Ω) | Test Freq. (MHz) | RDC (Ω)Max. | IDC (mA) | Rated Voltage (Vdc)Max. | Withstanding Voltage (Vdc) | Insulation Resistance (MΩ)Min. | Tolerance (±%) |
|--------------------|---------------|------------------|-------------|----------|-------------------------|----------------------------|--------------------------------|----------------|
| AWCU00201212500□03 | 50            | 100              | 0.2         | 500      | 50                      | 125                        | 10                             | 25             |
| AWCU00201212670□03 | 67            | 100              | 0.3         | 500      | 50                      | 125                        | 10                             | 25             |
| AWCU00201212900□03 | 90            | 100              | 0.3         | 500      | 50                      | 125                        | 10                             | 25             |
| AWCU00201212121□03 | 120           | 100              | 0.35        | 330      | 50                      | 125                        | 10                             | 25             |

**Note: When ordering, please specify tolerance code. Tolerance: Y=±25%**

1. Operating temperature range - 50°C ~ 150°C(Including self - temperature rise)
2. RDC: SINGLE WIRE TEST VALUE
3. IDC for Inductance drop 10% from its value without current.
4. Measure Equipment:  
 Z: Agilent HP4287A+Agilent 16197A  
 RDC: Chroma 16502 (Single Wire Test Value)  
 IDC: HP4284A+HP42841A/HP4285A+HP42841A

**AWCU00201212-03 Type**

**Characteristics Graph**

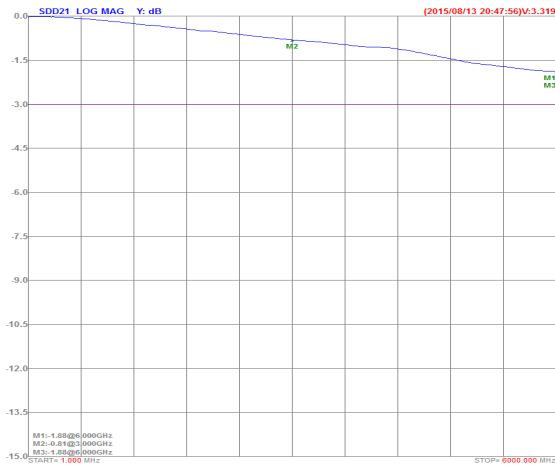


**Common Mode Choke AWCU Series**

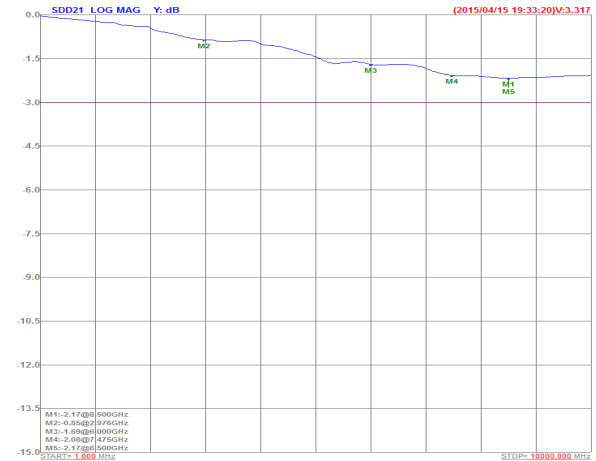
**Automotive  
AEC-Q200**

**AWCU00201212500Y03**

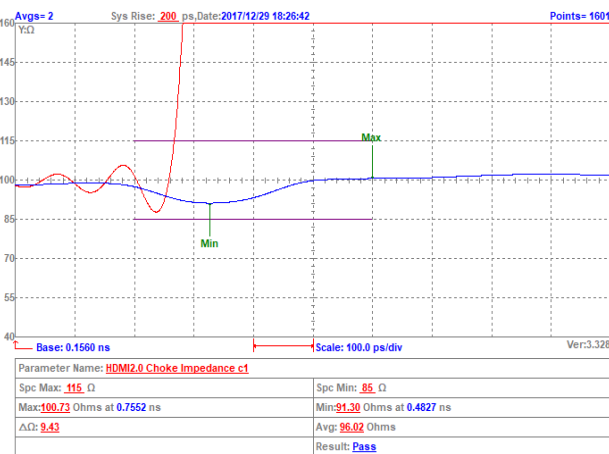
**Insertion Loss For HDMI2.0 Testing:**



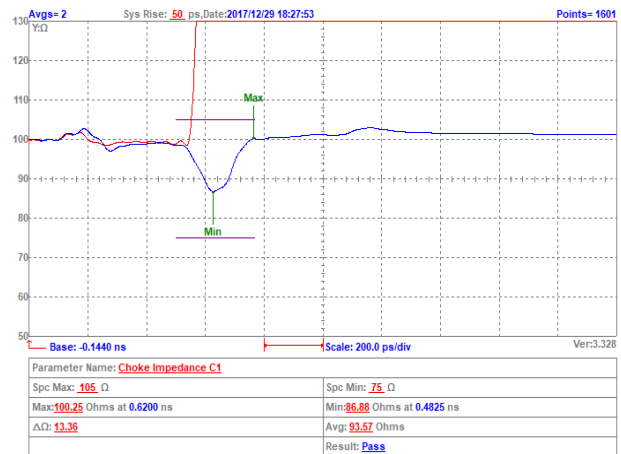
**Insertion Loss For USB3.0 Testing:**



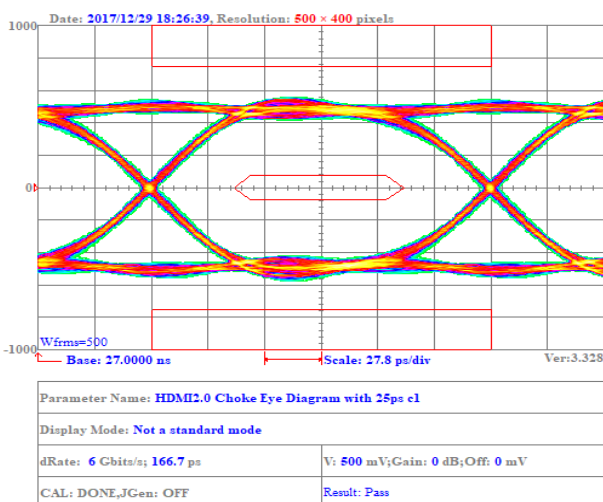
**TDR For HDMI2.0 Testing:**



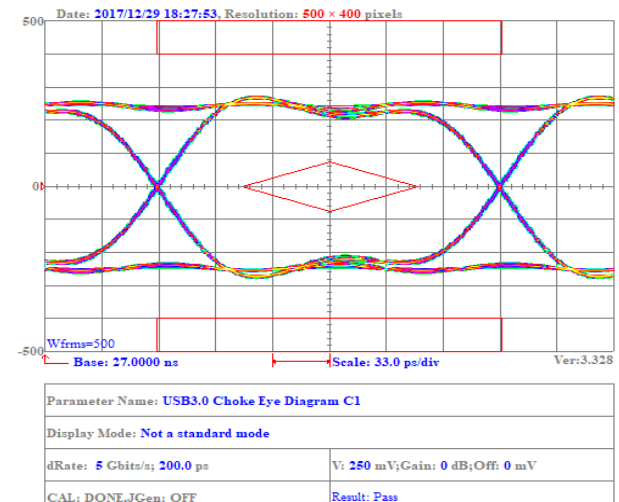
**TDR For USB3.0 Testing:**



**Eye Diagram For HDMI2.0 Testing:**

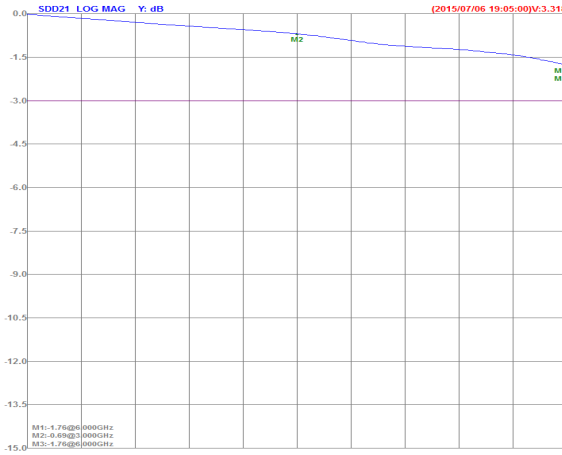


**Eye Diagram For USB3.0 Testing:**

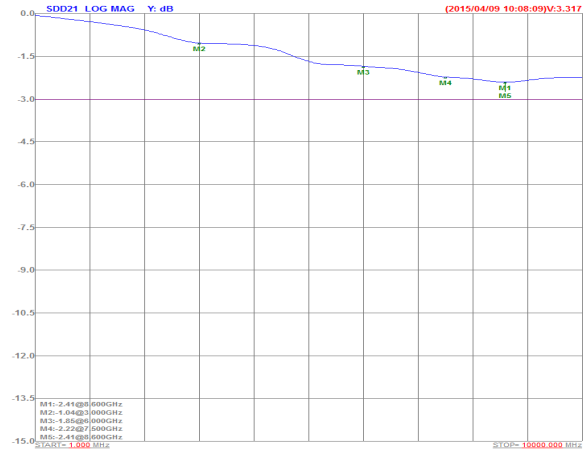


**AWCU00201212670Y03**

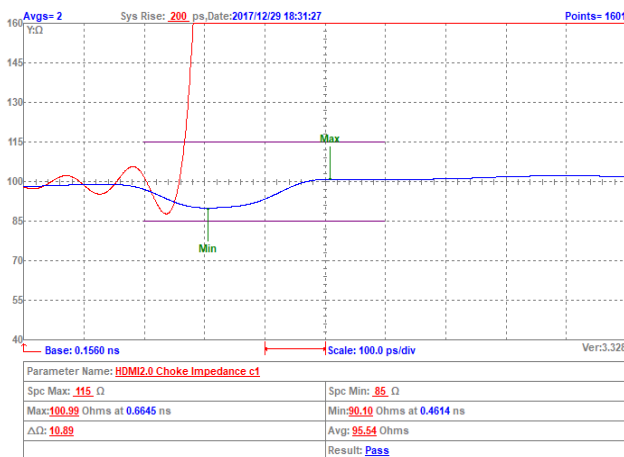
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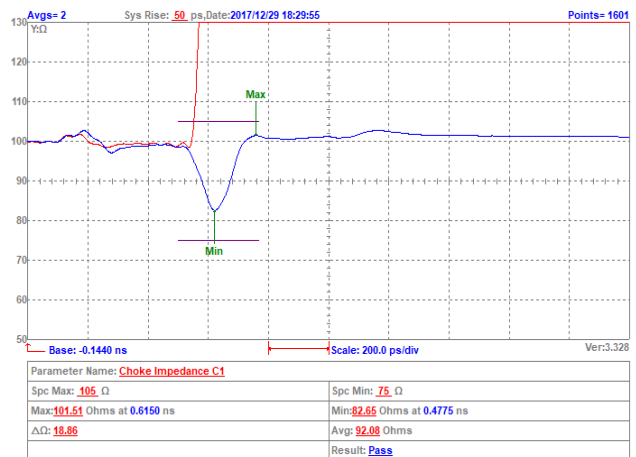
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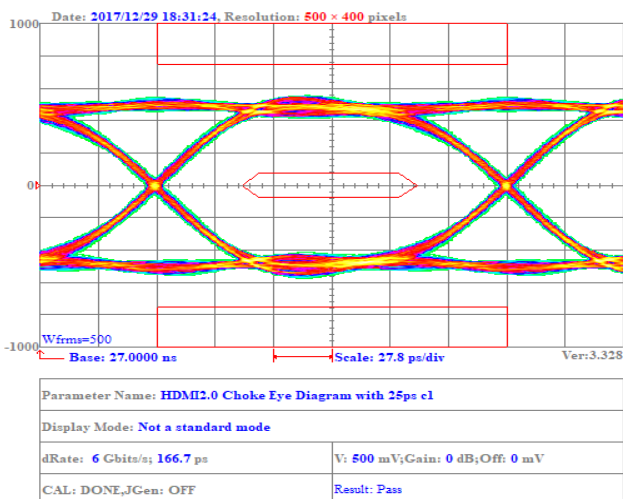
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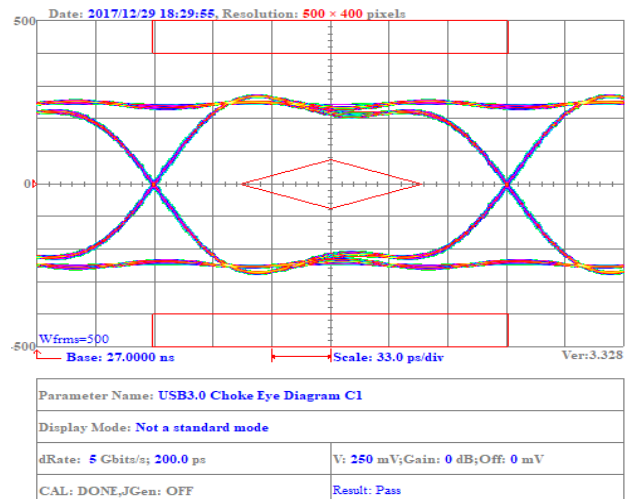
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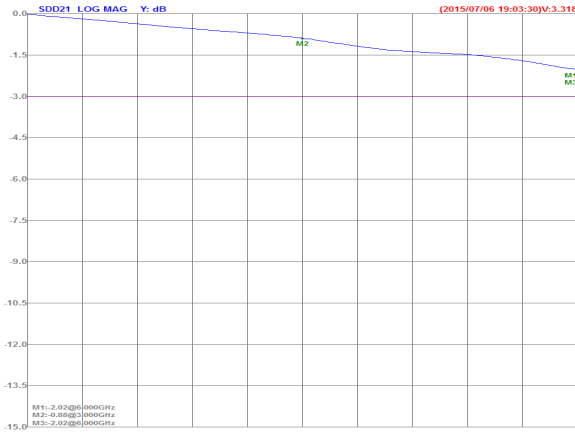


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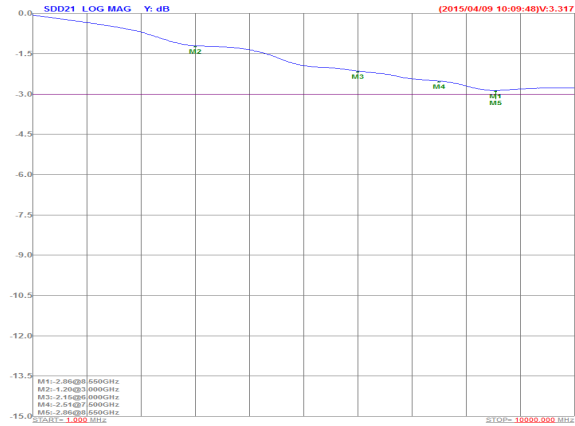


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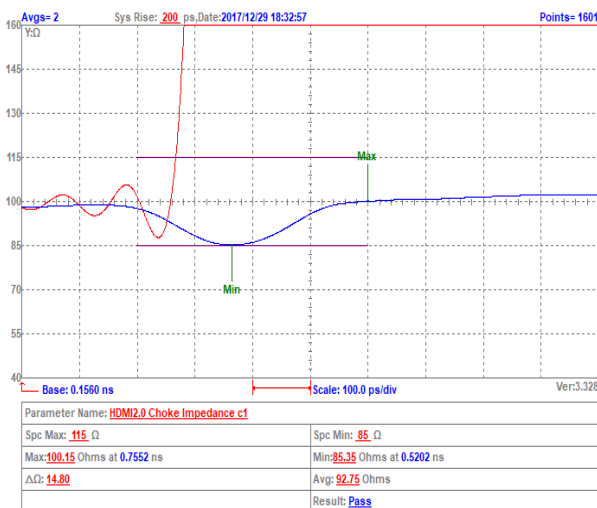
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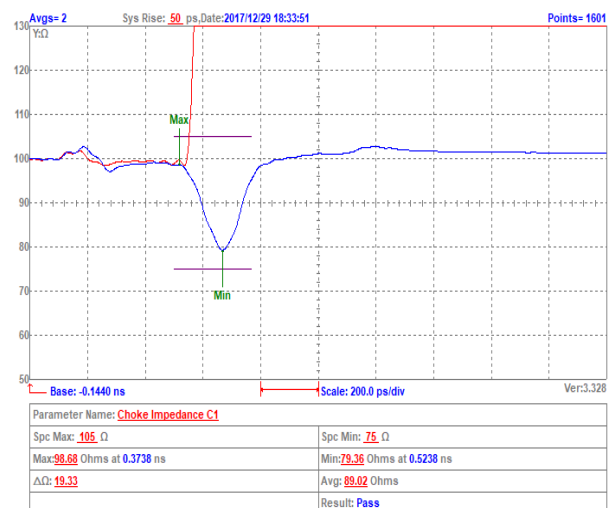
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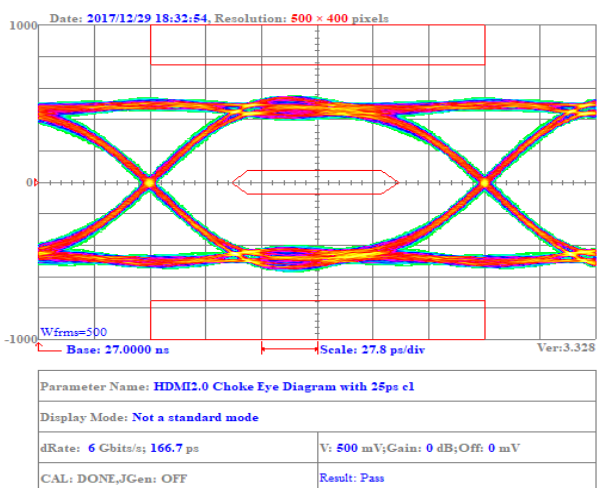
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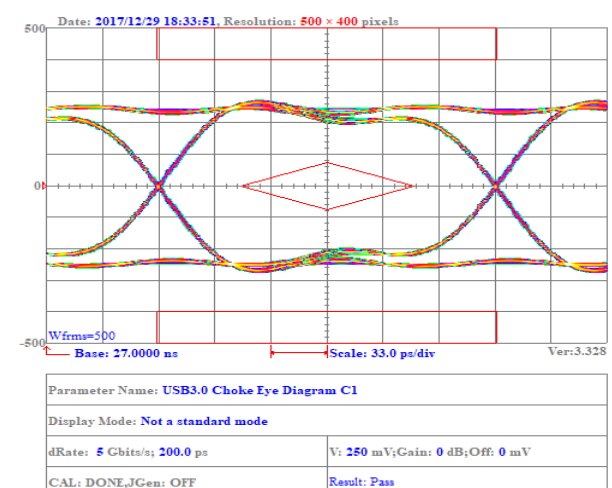
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**Eye Diagram For HDMI2.0 Testing:**



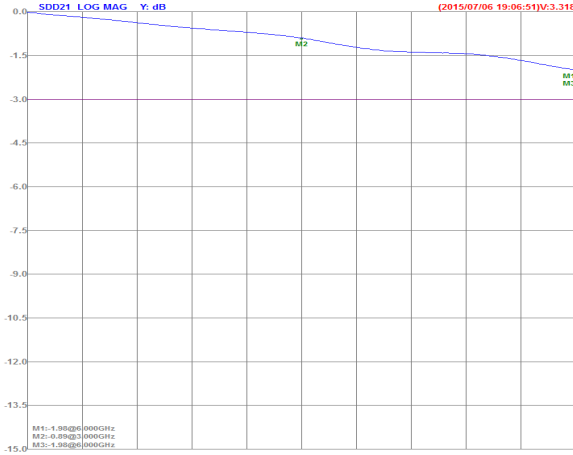
**Eye Diagram For USB3.0 Testing:**



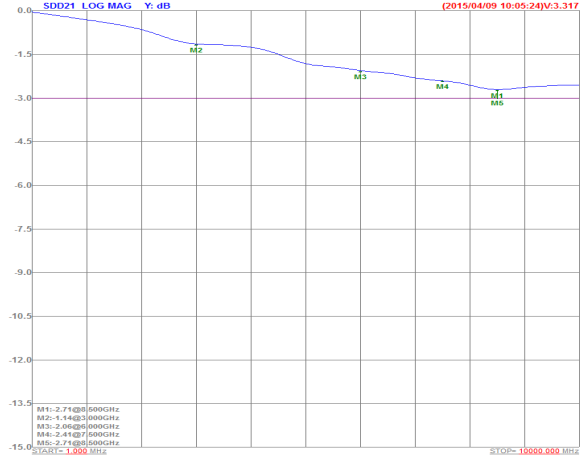
**Common Mode Choke AWCU Series Automotive AEC-Q200**

**AWCU00201212121Y03**

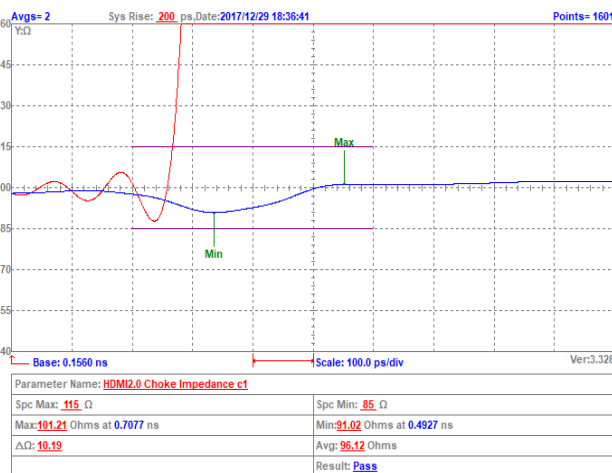
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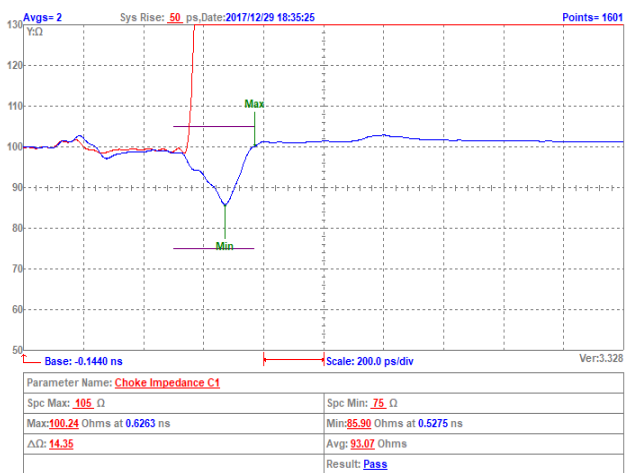
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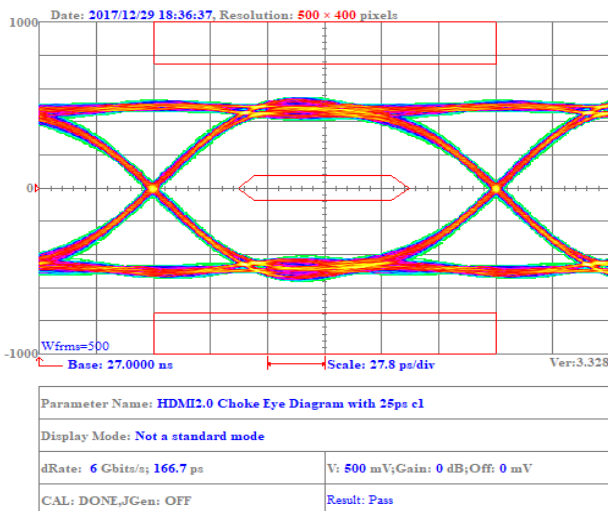
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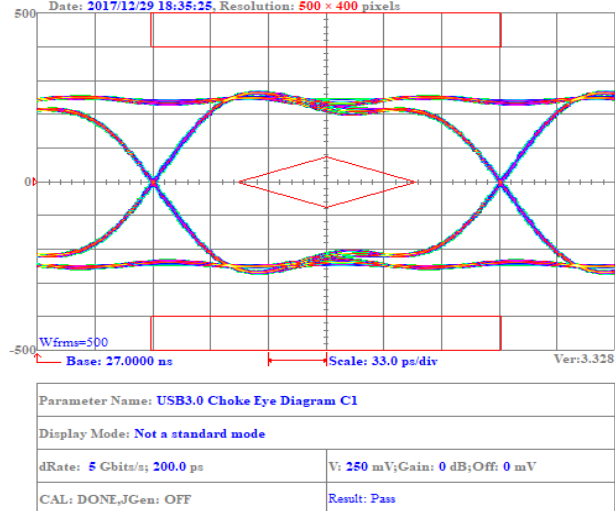
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**Eye Diagram For HDMI2.0 Testing:**



**Eye Diagram For USB3.0 Testing:**

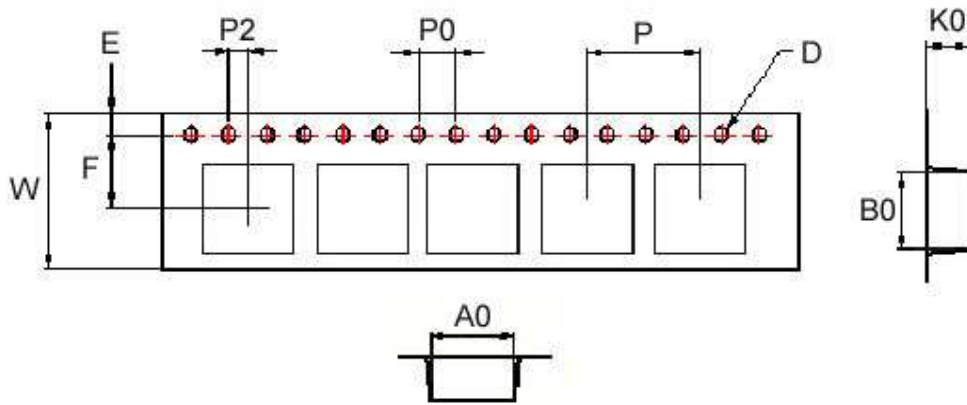


**Common Mode Choke AWCU Series**

**Automotive  
AEC-Q200**

**■ Packaging**

Tape Dimensions



Reel Dimensions

Figure1

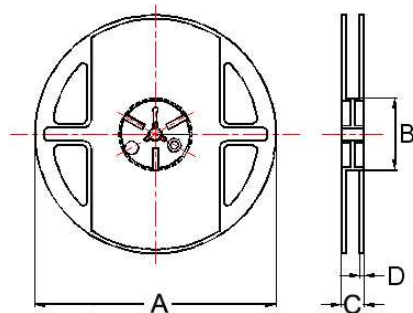
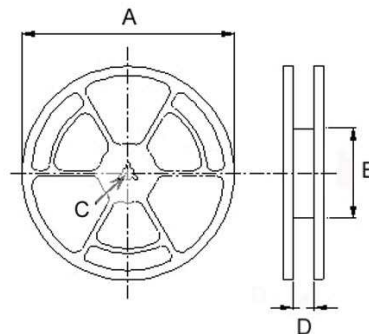


Figure 2



Dimensions in mm

| TYPE         | Tape Dimensions |      |      |     |      |     |    |   |    |    | Reel Dimensions |     |     |    | Quantity<br>PCS/REEL |      |
|--------------|-----------------|------|------|-----|------|-----|----|---|----|----|-----------------|-----|-----|----|----------------------|------|
|              | A0              | B0   | K0   | D   | E    | F   | W  | P | P0 | P2 | Fig.            | A   | B   | C  |                      | D    |
| AWCU00201212 | 1.5             | 2.25 | 1.45 | 1.5 | 1.75 | 3.5 | 8  | 4 | 2  | 2  | 1               | 178 | 60  | 12 | 1.5                  | 2000 |
| AWCU00321619 | 1.76            | 3.47 | 2.05 | 1.5 | 1.75 | 3.5 | 8  | 4 | 2  | 2  | 1               | 178 | 60  | 12 | 1.5                  | 2000 |
| AWCU00332523 | 2.72            | 3.52 | 2.45 | 1.5 | 1.75 | 5.5 | 12 | 4 | 4  | 2  | 1               | 178 | 60  | 12 | 1.5                  | 1500 |
| AWCU00332525 | 2.72            | 3.52 | 2.60 | 1.5 | 1.75 | 5.5 | 12 | 4 | 4  | 2  | 1               | 178 | 60  | 12 | 1.5                  | 1500 |
| AWCU00453226 | 3.6             | 4.9  | 3    | 1.5 | 1.75 | 5.5 | 12 | 8 | 4  | 2  | 2               | 330 | 100 | 13 | 13.4                 | 2500 |
| AWCU00453228 | 3.6             | 4.9  | 3    | 1.5 | 1.75 | 5.5 | 12 | 8 | 4  | 2  | 2               | 330 | 100 | 13 | 13.4                 | 2500 |



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