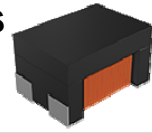


Wire Wound Chip Common Mode Choke Coil –AMCW-S Series

Operating Temp: -40°C~+125°C



FEATURES

- Small size, high reliability
- High quality, fast delivery, low cost
- Support vehicle signal transmission interface (USB2.0, USB3.0, HDMI2.0), support 3D transmission, meet higher resolution, refresh rate and color depth, support 1080P above playback
- AEC-Q200 verified

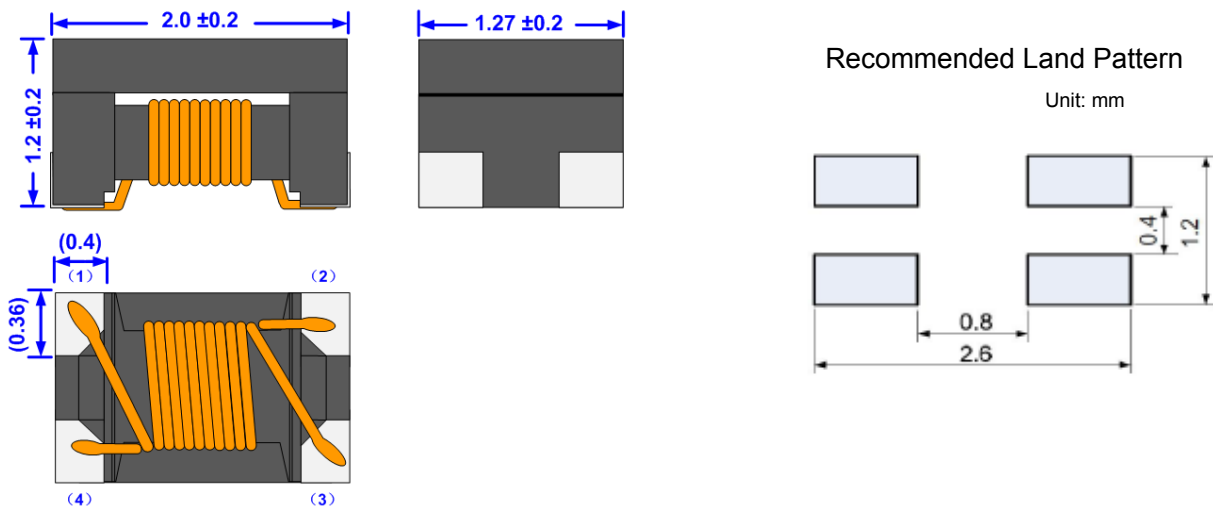
APPLICATIONS

- Automotive USB 2.0/HDMI signal transmission

PRODUCT IDENTIFICATION

<u>AMCW</u> ①	<u>2012</u> ②	<u>S</u> ③	<u>-2</u> ④	<u>-900</u> ⑤	<u>T</u> ⑥																				
<table border="1"> <tr><th colspan="2">Type</th></tr> <tr><td>AMCW</td><td>Winding Type Common Mode Choke Coil</td></tr> </table>		Type		AMCW	Winding Type Common Mode Choke Coil	<table border="1"> <tr><th colspan="2">External Dimensions (L×W) (mm)</th></tr> <tr><td>2012 [0805]</td><td>2.0×1.2</td></tr> </table>		External Dimensions (L×W) (mm)		2012 [0805]	2.0×1.2	<table border="1"> <tr><th colspan="2">Code</th></tr> <tr><td>S</td><td>Signal</td></tr> </table>		Code		S	Signal								
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SHAPE AND DIMENSIONS



SPECIFICATIONS

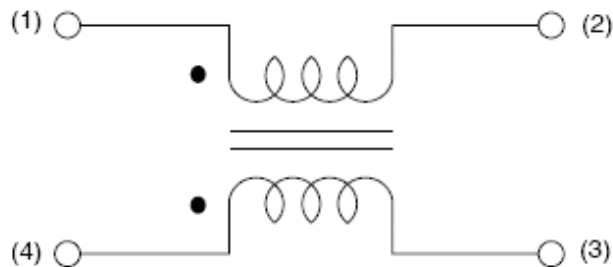
AMCW2012S TYPE

Part Number	Common Mode Impedance @ 100MHz	DC Resistance	Rated Current	Rated Voltage	Insulation Resistance
	±25%	Max.	Max.	Max.	Min.
Units	Ω	Ω	mA	Volts	M Ω
Symbol	Z	DCR	I _{rms}	V _{DC}	IR
AMCW2012S-2-670T	67	0.25	400	50	10
AMCW2012S-2-900T	90	0.35	330	50	10
AMCW2012S-2-181T	180	0.35	330	50	10
AMCW2012S-2-361T	360	0.45	280	50	10

1 .Storage temperature range (packaging conditions): -10°C~+40°C and RH 70% (Max.)

※: Products with other electrical characteristics can be provided upon customer's request. Please contact your local sales.

EQUIVALENT CIRCUIT



TYPICAL ELECTRICAL CHARACTERISTICS

Impedance vs. Frequency

AMCW2012S TYPE

