COMMON MODE FILTER FOR USB 2.0

DESCRIPTION

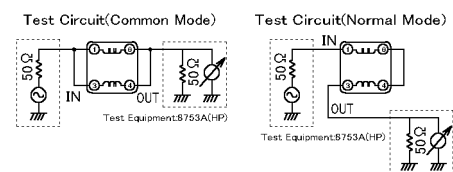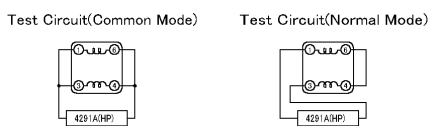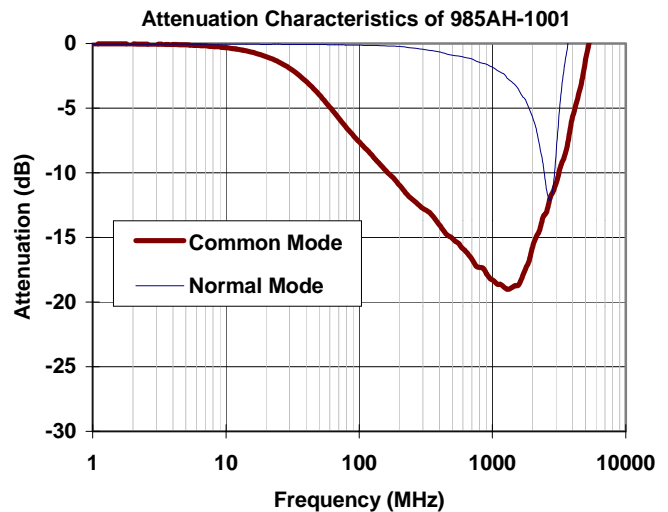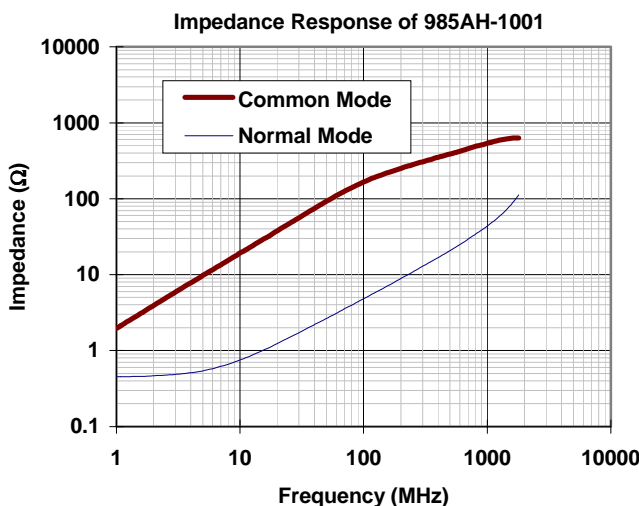The TOKO NT2012 is a wirewound miniature common mode filter specifically designed to eliminate common mode noise in USB 2.0 and IEEE1394 applications. A dual winding configuration in a tight form factor provides exceptional EMI reduction in space-constrained environments.
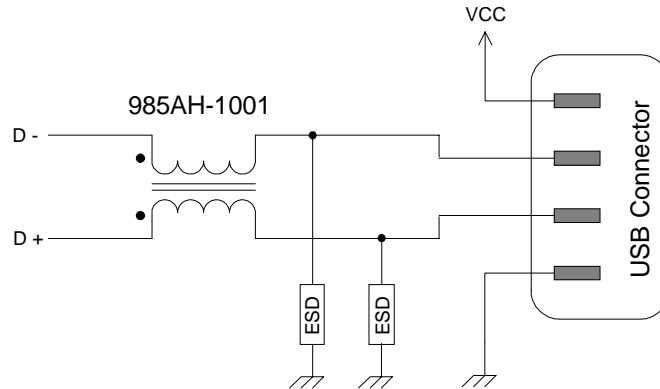
FEATURES

- 2.0x1.2mm package size
- 1.3mm maximum height
- Common mode impedance of 165 ohm at 100 MHz (typical).
- Operating Temperature: -30°C to +85°C
- Packaged on 2000 piece reels
- Reflow solderable

TOKO Part No.	Insertion Loss		IDC (A)	DCR (Ω)
985AH-1001=P2	10 MHz	1.2 dB max.	0.33 max.	0.26 max.
	100 MHz	4 dB min.		
	500 MHz	11 dB min.		

DIMENSIONS

1.3 Max.

0.4
0.4
0.4

1.1±0.2   0.45

Units: mm
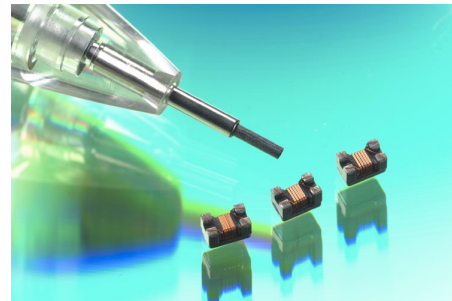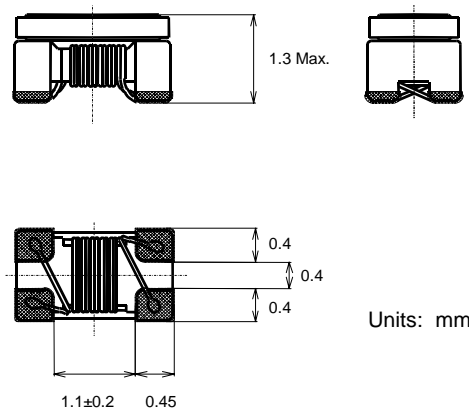
TYPICAL CHARACTERISTICS

Impedance Response of 985AH-1001

- Common Mode
- Normal Mode

Impedance (Ω) vs Frequency (MHz)

Test Circuit(Common Mode)
Test Circuit(Normal Mode)
4291A(HP)

Attenuation Characteristics of 985AH-1001

- Common Mode
- Normal Mode

Attenuation (dB) vs Frequency (MHz)

Test Circuit(Common Mode)
50 Ω   IN   OUT   50 Ω   Test Equipment:8753A(HP)

Test Circuit(Normal Mode)
IN   50 Ω   OUT   50 Ω   Test Equipment:8753A(HP)

CF-212-NT2012

TOKO

COMMON MODE FILTER FOR USB 2.0

APPLICATION EXAMPLES

USB 1.1/ USB 2.0

IEEE1394
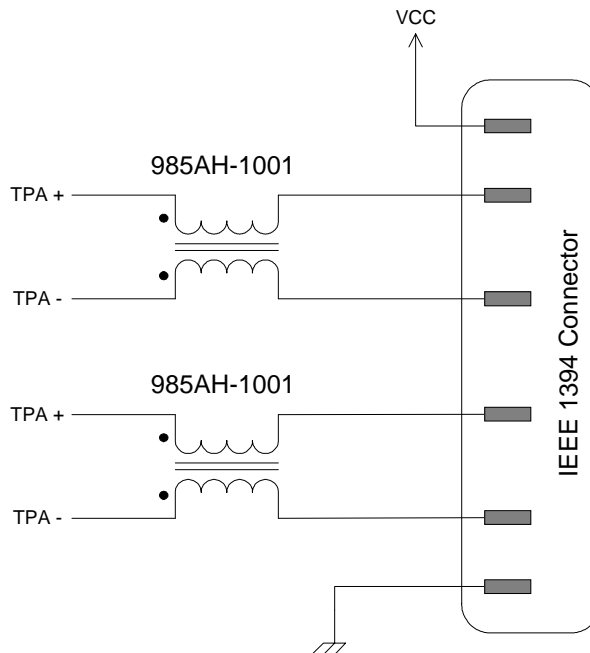
TOKO

TOKO America, Inc.
1250 Feehanville Drive, Mt. Prospect, IL 60056
Tel: 800-PIK-TOKO or 847-297-0070 Fax: 847-699-7864   Web: http:// www.tokoam.com

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for murata *manufacturer:*

Other Similar products are found below :

786028C MGJ1D121905MPC-R7 MGJ2D051515SC 82103C 82224C 82473C GCM32EC71H106MA03L GRM2165C1H101FA01D PTGL09AS2R2K3B51B0 11R683C DD1274AS-H-220M=P3 DFE252012P-1R0M=P2 BPM15-120-Q12P-C NMK1212SC NMV1212DAC LQH43MN330J03L GRM1885C1H150FA01J GRM21BR71C475KE51L GRM3195C2A471JD01D GRM31CR61A475KA01L RF1211C MGJ2D121509SC MGJ6D122005LMC-R7 #B953AS-330M=P3 BLM18AG601SN1J HN-214 HN-214X TZ03P450 UEE-12/12.5-D48NB-C LBWB1ZZYDZ-DTEMP-SNIC-UART-A LLM315R70J225MA11L 46334C DR4103 SCA830-D07-PCB NKE1212DC NMA1215SC UVQ-48/2.5-D24PB-C RDE5C1H472J1M1H03A IML-0642 HPR105C HPQ-12/25-D48PB-C UWS-5/10-Q48N-C UWR-5/2000-D24E-C 19R683C UHE-152000-D24-C 782485/35C UEI-3.3/15-Q12PR-C MGJ2D122005SC MEV1S0505SC MEMS-EVAL-BOARD