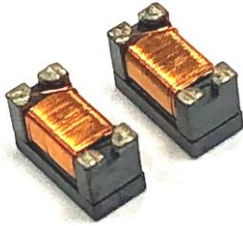


## BWDM Series



A full series of common mode choke is designed for excellent noise attenuation with compact sizing for use in wide range of applications. Both standard series and custom designs are available.

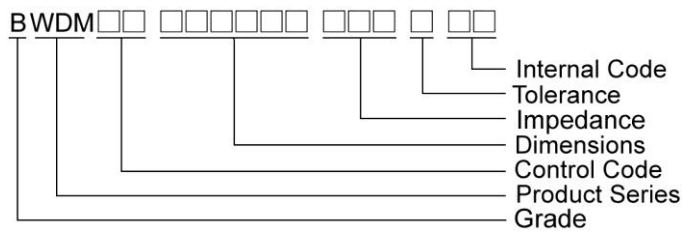
### Features

- RoHS Compliant
- Miniature SMD type common mode filter for fully automated assembly
- High Inductance at high frequency effects excellent noise suppression performance
- Excellent solderability

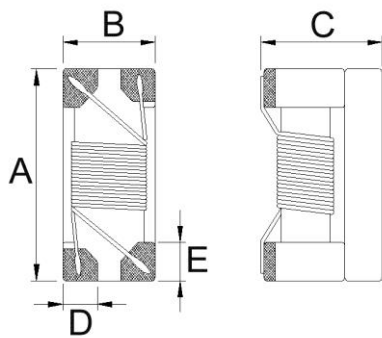
### Applications

- USB line for personal computers and peripheral
- IEEE 1394 line for personal computers, DVC, STB
- LVDS, panel line for liquid display panels, graph card etc

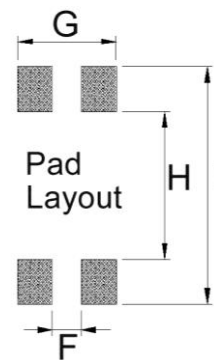
### Product Identification



### Shape and Dimensions



### Recommended Pattern



Dimensions in mm

TYPE	A	B	C	D	E	F	G	H	I
BWDM00341620	3.4±0.2	1.6±0.2	2.0±0.2	0.6	0.6	0.5	1.7	2.3	3.7

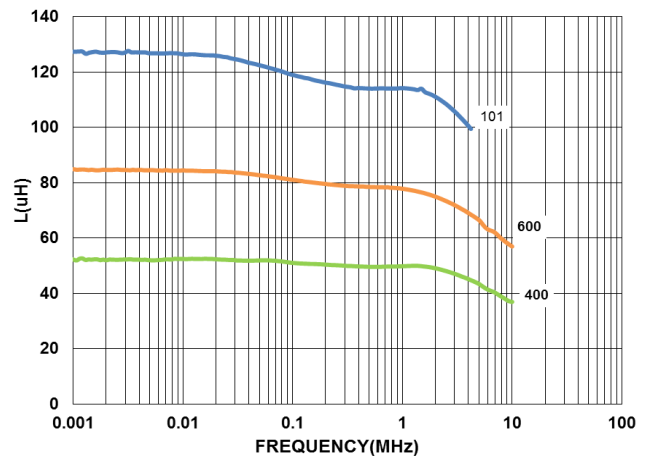
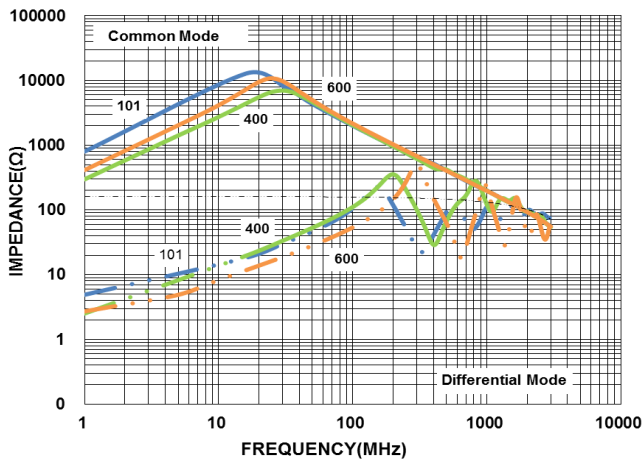
# SMD Common Mode Choke – BWDM Series

## Electrical Characteristics

Part Number	Inductance (uH) Min	Test Frequency (kHz)	RDC ( $\Omega$ ) Max	I <sub>rms</sub> (mA) Max	Rated Voltage (Vdc)	Withstanding Voltage (Vdc)	Insulation Resistance (M $\Omega$ ) Min
BWDM00341620400X00	40	100	1.5	300	50	125	10
BWDM00341620600X00	60	100	1.7	200	50	125	10
BWDM00341620101X00	105	100	3.0	120	50	125	10

- Operating temperature range - 40°C ~ 105°C(Including self - temperature rise)
- I<sub>rms</sub> for a 20°C temperature rise from 25°C ambient.
- Measure Equipment :  
 L : Agilent HP4286A / HP4287A / AgilentE4991A  
 RDC : Chroma 16502 (Single Wire Test Value)  
 I<sub>rms</sub> : HP4284A+HP42841A/HP4285A+HP42841A  
 Insulation Resistance : Agilent HP4339B

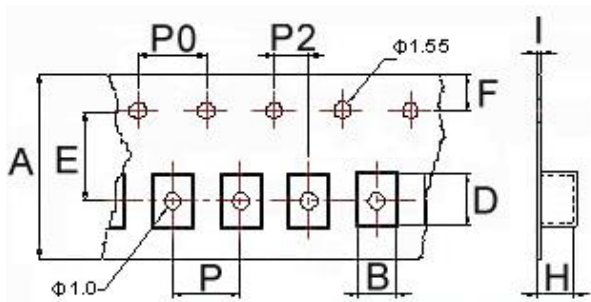
## Test Instruments :



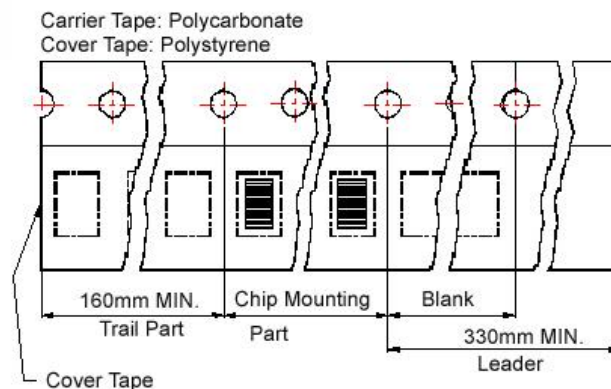
# SMD Common Mode Choke – BWDM Series

## Packaging Specifications

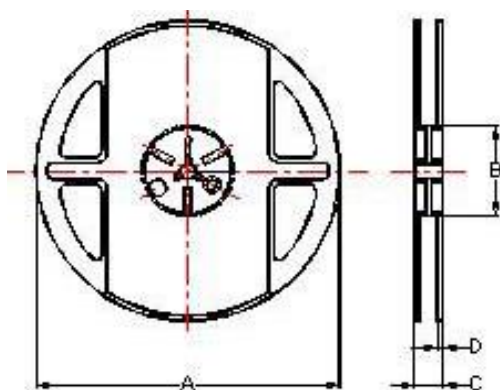
Tape Dimensions



Tape Material



Reel Dimensions



Dimensions in mm

TYPE	Tape Dimensions										Reel Dimensions				Quantity PCS / Reel
	A	B	D	E	F	H	I	P	P0	P2	A	B	C	D	
BWDM00341620	8	1.76	3.47	3.5	1.75	2.05	0.22	4	4	2	178	60	12	1.5	2000