

# COMMON MODE CHOKES *Line filter balun*

## Series CM - 8 *Open style*



### FEATURES

- Dual common mode choke coils 8 Pin, 1.27 mm of pitch SMD Type Low profiles and small size SMD.

### APPLICATIONS

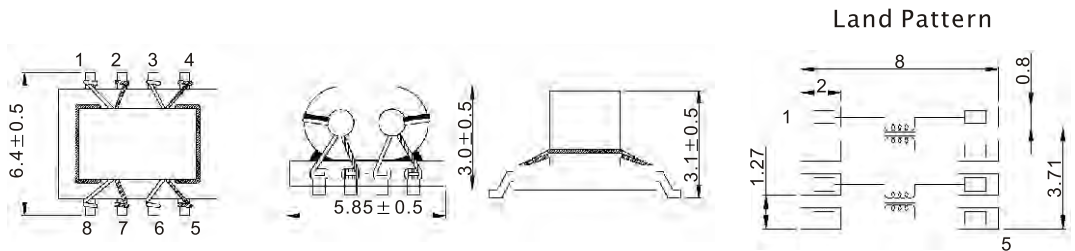
- Preventive measure against USB & IEEE1394
- Suppresses radiated emissions from peripheral devices.
- Personal computer (Desk top, Note book) game computer, Digital Carera, etc... ..

### PRODUCT IDENTIFICATION

**CM** **60** **8** **30** **1** **M** **80R**  
**a** **b** **c** **d** **e** **f** **g**

- a : Type of Products - SMD Common Mode Filter
- b : Dimension(mm) - 60 : 5.85X6.4
- c : Number of Terminal - 8 : 8 Terminal
- d : Thickness(mm) - 30 : 3.0 max.
- e : Packing - PCS / REEL - 1 : 1000
- f : Tolerance - M :  $\pm 20\%$
- g : Inductance - 80R = 80 Ohm at Common Mode and 100MHz

### DIMENSIONS

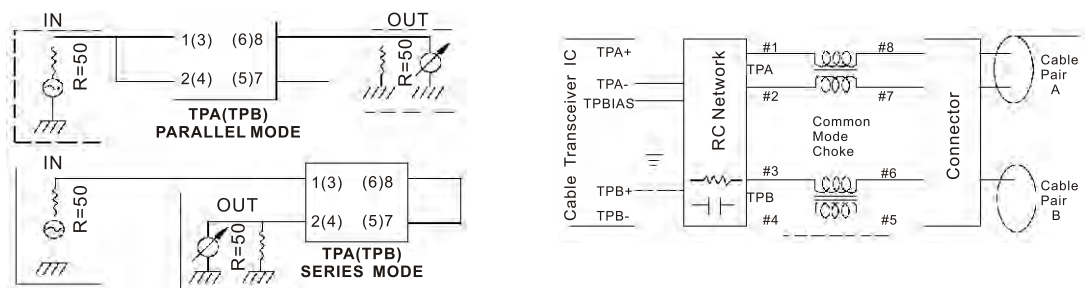


### ELECTRICAL CHARACTERISTICS

Test	Impedance (Ω) Common Mode (min.)				Impedance (Ω) Normal Mode (max.)			
	50MHz	100MHz	300MHz	500MHz	50MHz	100MHz	300MHz	500MHz
Type <b>STD</b>								
CM608301M80R	45	80	150	190	5	10	30	50
CM608301M180R	130	180	250	260	12	24	70	122
CM608301M300R	205	300	400	410	6	11	32	60
CM608301M500R	350	500	660	595	12	24	72	128

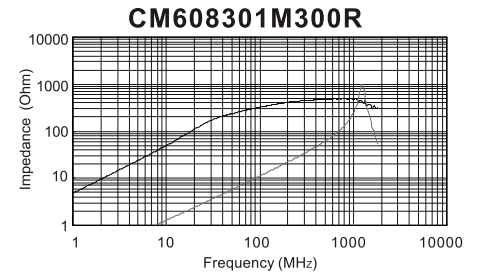
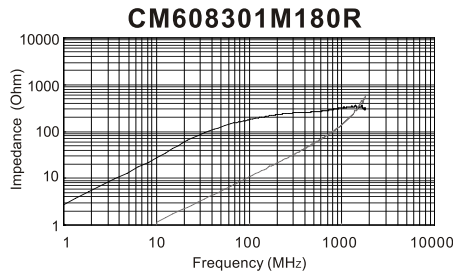
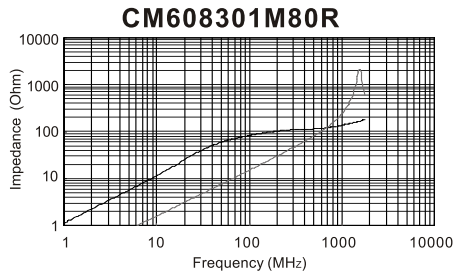
IDC (mA) max.	RDC (Ω) max.	Withstanding Voltage
650	0.35	100V DC

### TEST METHOD



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## Series CM - 8 *Open style* CURVES

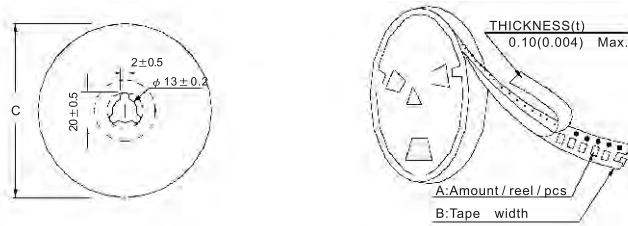


— SERIES MODE

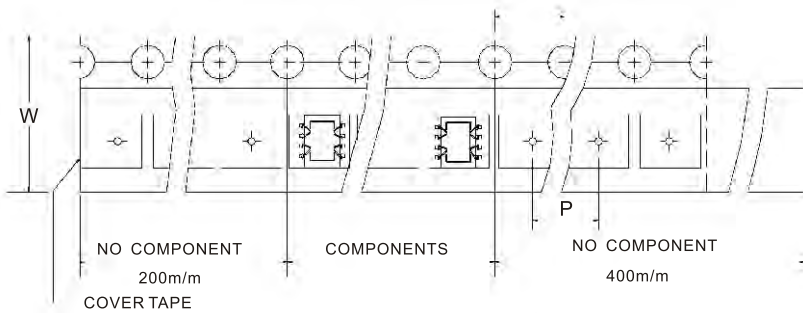
— PARALLEL MODE

## PACKAGING & REEL DIMENSIONS

1. CARRIERTAPEING REEL & CARRIER MATERIALS (PAPER PLASTICS) UNIT : (mm)



in mm				
A	B	C	W	P
1000 PCS	16	330	16	12



## 2. TOP COVER TAPE

The force for tearing off cover tape is 10 grams in the arrow direction.

