

Features

- ◆ The common mode filter is mainly used to reduce radiation and high frequency common mode noise
- ◆ Small package large current to meet a variety of circuits
- ◆ Low leakage, no effect on differential mode current
- ◆ Packaging quantity:500pcs



Application

- ◆ Portable devices
- ◆ Digital cameras
- ◆ Player
- ◆ Smart home
- ◆ Robot

Part Numbering

CMF	4532	W	A	800	M	D	T
A	B	C	D	E	F	G	H

A:ASIM common mode filter

B:Dimension

C:Wire wound

D:Shieling type for 1.0GHz

E:Common Mode Impedance (at 100MHz),800=80 Ω

F:Tolerance M±25%

G:Internal series

H: Tape

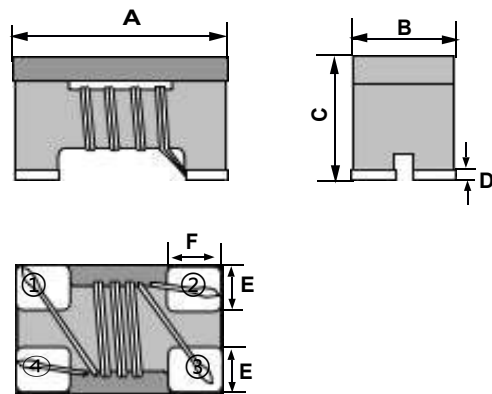
Electrical Characteristics List

Part Number	Z	Freq	Rdc	Irms	Rated Voltage	Insulation Resistance
	(Ω)	(MHz)	(Ω)Max	(mA)Max	Volts	(M Ω) Min
CMF4532WA800MDT	80	100	0.050	2300	50	10
CMF4532WA900MDT	90	100	0.085	2000	50	10
CMF4532WA121MDT	120	100	0.100	1400	50	10
CMF4532WA201MDT	200	100	0.100	1500	50	10
CMF4532WA221MDT	220	100	0.100	1300	50	10
CMF4532WA331MDT	330	100	0.110	1100	50	10
CMF4532WA601MDT	600	100	0.120	1400	50	10
CMF4532WA701MDT	700	100	0.120	1500	50	10
CMF4532WA801MDT	800	100	0.160	1000	50	10
CMF4532WA901MDT	900	100	0.170	1000	50	10
CMF4532WA102MDT	1000	100	0.180	1000	50	10
CMF4532WA142MDT	1400	100	0.200	700	50	10

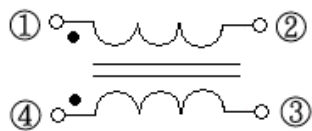
Notes:

1. Rating DC current: Temperature rise(ΔT) is 40°C approximately at Irms.
2. Operating temp.: -40°C ~ +85°C
3. Storage temp.: -10°C ~ +40°C R.H.: 65% Max
4. Moisture sensitivity level (MSL) 2 (1 year floor life at <30°C/65% relative humidity)

Dimension (mm)

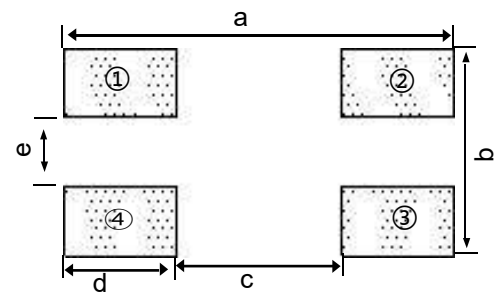


Series	A(mm)	B(mm)	C(mm)	D (mm)	E (mm)	F(mm)
4532	4.5±0.2	3.2±0.2	2.8±0.2	0.2 ±0.1	1.2 Typ.	1.0Typ.



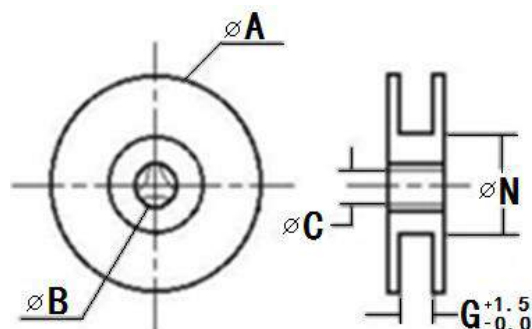
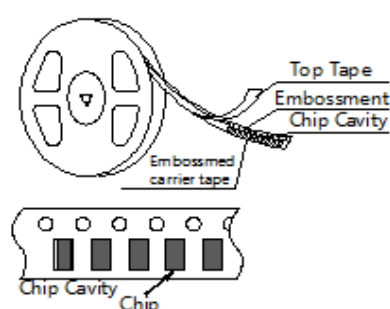
PIN NUMBER	DESCRIPTION
① ~ ②	DATA LINE
④ ~ ③	DATA LINE

Recommended Land Pattern (mm)



Symbol	a	b	c	d	e
Dimension	5.1	3.39	2.4	1.35	0.75

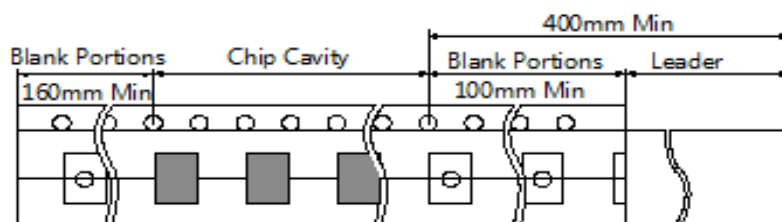
TAPING DRAWINGS



REEL DIMENSIONS(UNIT:mm)

	A	B	C	N	G
CF-12	178±2.0	22±2.0	12.5±1.5	57±2.0	12

LEADER AND BLANK PORTION



PEELLING OFF FORCE:0.05 to 0.7N in the direction show below.

