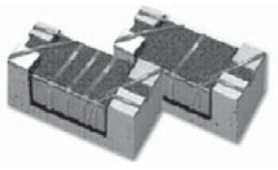


# SMD COMMON MODE CHOKE



## ACM21, ACM31, ACM41 SERIES

### FEATURES:

- Ferrite base
- Lead Free

### OPTIONS:

- Tape & Reel is standard

### APPLICATIONS:

- USB line filter
- USB 2.0/IEEE1394/LVDS

### STANDARD SPECIFICATIONS:

Part Number ACM21-	Z (W) ±20%	Test Freq (MHz)	R <sub>DC</sub> Max (Ω)	I <sub>RATE</sub> Max (mA)
300M	30	100	0.20	450
670M	67	100	0.28	400
900M	90	100	0.35	330
121M	120	100	0.30	370
161M	160	100	0.35	350
181M	180	100	0.35	330
261M	260	100	0.40	300
371M	370	100	0.45	280

Part Number ACM31-	Z (W) ±20%	Test Freq (MHz)	R <sub>DC</sub> Max (Ω)	I <sub>RATE</sub> Max (mA)
900M	90	100	0.30	370
161M	160	100	0.40	340
261M	260	100	0.50	310
601M	600	100	0.80	260
102M	1000	100	1.00	230
222M	2200	100	1.20	200

Part Number ACM41-	Z (W) ±10%	Test Freq (MHz)	R <sub>DC</sub> Max (Ω)	I <sub>RATE</sub> Max (mA)
1R25K	90	50	0.50	800
4R2K	160	10	0.80	800

	ACM-21	ACM-31	ACM-41
<b>A</b>	0.081±0.008 (2,05±0,20)	0.125±0.008 (3,20±0,20)	0.195±0.008 (4,95±0,20)
<b>B</b>	0.049±0.008 (1,25±0,20)	0.063±0.008 (1,60±0,20)	0.138±0.008 (3,50±0,20)
<b>C</b>	0.047±0.008 (1,20±0,20)	0.075±0.008 (1,90±0,20)	0.140Max (3,56)
<b>D</b>	0.016 (0,40)	0.024 (0,60)	0.030 (0,75)
<b>E</b>	0.018 (0,45)	0.024 (0,60)	0.040 (1,02)

### TECHNICAL INFORMATION:

- Ordering Code: ACM-XX(Size)-XXX(Value)M-T(T&R)
- Tolerance: K=±10%, M=±20%
- Letter suffix indicates standard tolerance
- Rated Voltage: 50VDC
- Insulation Resistance: 10MW minimum
- See SCD or detail E&M performance
- Operating Temperature: -30°C to +85°C

Note: All specification subject to change without noticed.

### PHYSICAL CHARACTERISTICS:

