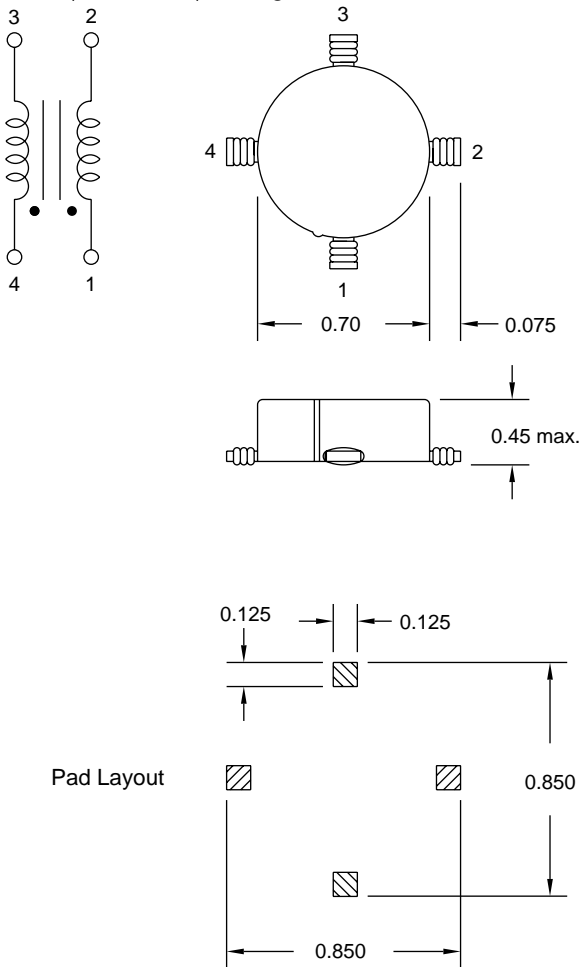


# SMT Common Mode Chokes

## Special Features

- Reduce conductive EMI emission
- Wide frequency range 10K to 100MHz
- High current capacity
- Compact size
- Coil encapsulated in high-strength plastic case
- Suitable for wave & reflow solder
- Dielectric withstanding voltage 500VDC
- Operating temperature -55 to +105°C
- Current to cause 35°C maximum temperature rise
- Tape & reel packaged 200/reel

| PM3700 Series |                |       |                 |                                   |
|---------------|----------------|-------|-----------------|-----------------------------------|
| Part Number   | L (mH)<br>Min. | I (A) | DCR (Ω)<br>Max. | Typ. Freq. range with 20dB Atten. |
| PM3700-10     | 0.2            | 7.0   | 0.008           | 5 - 55 MHz                        |
| PM3700-20     | 0.5            | 6.0   | 0.01            | 4 - 40 MHz                        |
| PM3700-30     | 0.75           | 5.5   | 0.012           | 1 - 20 MHz                        |
| PM3700-40     | 1.0            | 4.0   | 0.02            | 500 KHz - 40 MHz                  |
| PM3700-50     | 2.0            | 3.5   | 0.03            | 300 KHz - 20 MHz                  |
| PM3700-60     | 5.0            | 2.0   | 0.07            | 100 KHz - 10 MHz                  |
| PM3700-70     | 10             | 1.5   | 0.15            | 50 KHz - 5 MHz                    |
| PM3700-80     | 20             | 1.0   | 0.25            | 25 KHz - 4 MHz                    |



**J.W. Miller**  
MAGNETICS

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