



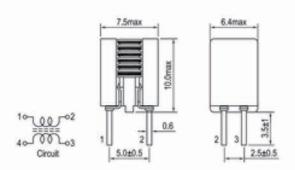
Applications:

- · EMI filters.
- · Personal computers..
- · Communication equipment.

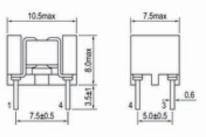
Features:

- · Common mode for DC power lines.
- · Single layer winding for minimum capacitance.
- · meets UL 94V-0 flammability standard.

TECHNICAL INFORMATION







Common Mode Toroids YCEM Series

Characteristics:

- Rated DC Current: The current when temperature of coil Increases up to Max. △T=20°C. (Ta=20°C)
- · Rated voltage : DC 50V.
- Operating temperature : -25^oC to 85^oC.
- · Dielectric strength : 200VDC(1minute between lines)
- Insulation resistance : $10M\Omega$ Min(100VDC, between lines).

Part No.	L1=L2 (uH) Min.	DCR (mΩ) Max.	Rated current (A) Max.
YCEM707010-6R75U-3A	6.75	20	3.0
YCEM707010-7R7U-2.5A	7.7	30	2.5
YCEM707010-11R9U-2A	11.9	50	2.0

Characteristics:

- Rated Current: 500mA Max, obtained when temperature rise to 20°C.
- · Rated voltage: DC 50V.
- · Operating temperature: -25°C to 85°C.
- · Dielectric strength : 50VDC (1minute between lines)
- · Insulation resistance: 10MΩ Min(100VDC,between lines).

Part No.	L1=L2 (uH) ±35%	DCR (mΩ) Max.	Z (Ω) Min.
YCEM648075-150-401	15	35	400
YCEM648075-400-801	40	45	800
YCEM648075-600-102	60	50	1000