

## EMI Suppression Capacitors

# CMPY 440

## Class Y1

### ■ Features

- Plastic Case (UL94 V-0), Epoxy resin sealing
- RoHS Compliant

### ■ Applications

- Typical applications include safety capacitors for bridging of double or reinforced insulation

### ■ Specifications

Reference Standard	IEC 60384-14
Climatic Category	40/115/56/B
Rated Temperature	115 °C
Operation Temperature Range	-40°C~+115°C
Rated Voltage	440 VAC
Capacitance Range	0.00047~0.0047 μF
Capacitance Tolerance	±20%
Dissipation Factor	1.3% at 1 kHz +23°C
Insulation Resistance	12,000 MΩ at 500 VDC after 60 seconds, +23°C

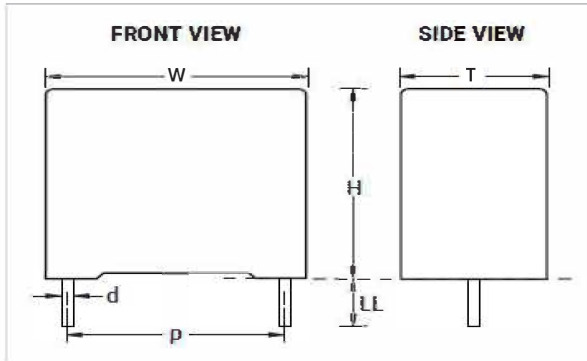
### ■ Part Number System

CMPY	440V	471	M	15	S	5	
Part-1	Part-2	Part-3	Part-4	Part-5	Part-6	Part-7	Part-8

- Part-1 : Series Code(Series Name)-CMPY  
Part-2 : Rated Voltage(440Vac)  
Part-3 : Rated Capacitance Value(0.00047~0.0047μF / 471~472)  
Part-4 : Capacitance Tolerance(M : ±20%)  
Part-5 : Lead Spacing(15 mm)  
Part-6 : Forming -Type and Packing code  
Part-7 : Size Number (5~6 : Min-Type / 7 : Standard- Type / 8~15 : Large-Type)  
Part-8 : Internal Use

CODE	STYLE
B	Bending Forming
C	Straight Cutting
D	D-Type Forming
L	B-Type long Forming
M	C-Type long Forming
S	Straight
X	B-Type Forming
Y	C-Type Forming
Z	Z-Type Forming
T	A-Type Tapping
U	B-Type Tapping
V	C-Type Tapping

## ■ Dimensions



440VAC					
Cap. ( $\mu$ F)	Dimension (mm)			Pitch - d	PART NUMBER
	W (max.)	H (max.)	T (max.)		
0.00047	18.0	12.5	5.5	15.0	CMPY AC440V471M15SS_
0.00056	18.0	12.5	5.5	15.0	CMPY AC440V561M15SS_
0.00068	18.0	12.5	5.5	15.0	CMPY AC440V681M15SS_
0.00082	18.0	12.5	5.5	15.0	CMPY AC440V821M15SS_
0.001	18.0	12.5	5.5	15.0	CMPY AC440V104M15SS_
0.0012	18.0	12.5	6.5	15.0	CMPY AC440V124M15SS_
0.0015	18.0	12.5	6.5	15.0	CMPY AC440V154M15SS_
0.0018	18.0	12.5	6.5	15.0	CMPY AC440V184M15SS_
0.0022	18.0	12.5	6.5	15.0	CMPY AC440V224M15SS_
0.0025	18.0	14.5	7.5	15.0	CMPY AC440V254M15SS_
0.0027	18.0	14.5	7.5	15.0	CMPY AC440V274M15SS_
0.0033	18.0	14.5	7.5	15.0	CMPY AC440V334M15SS_
0.0039	18.0	16.0	8.5	15.0	CMPY AC440V394M15SS_
0.0047	18.0	16.0	8.5	15.0	CMPY AC440V474M15SS_

# Metallized Polypropylene Film EMI Suppression Capacitors

## Electrical Characteristics (Typical Data)

Suppression vs. Frequency, Typical Values

