

X2Y2-CLASS FILM CAPACITOR

TYPE : MEX-X₂ Y₂

FEATURES

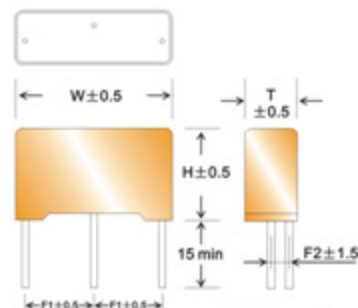
1. Space saving PWB capacitor network has one one X & two Y caps.
2. Excellent common and differential mods capability in a wide capacitance range.
3. Installed cost saving with single package design.



X X
Week of manufacture

ELECTRICAL SPECIFICATIONS:

OPERATING TEMPERATURE	-40 ~ +85°C
RATED VOLTAGE	275V AC
CAPACITANCE RANGE	X ₂ -range: 0.1~0.47 μF Y ₂ -range: 0.001~0.025 μF
TEST VOLTAGE	X Cap: 1250VAC/1414VDC 2 Sec. Y Cap: 2000VAC/2700VDC 2 Sec.
CAPACITANCE TOLERANCE	±10% ±20%
INSULATION RESISTANCE	XY Cap ≤ 0.33 μF min 15,000M Ω XY Cap > 0.33 μF min 6,000M Ω • μF
DISSIPATION FACTOR	0.1%max. (at 1KHz)



(Unit : mm)

MECHANICAL DIMENSIONS

Model Number	Capacitance		Outside Dimension mm				
	C _{X1} (μF)	C _{Y2} (pF)	W	H	T	F1	F2
X ₂ Y ₂ 104-102	0.1	1000	27.0	20.0	11.0	11.5	2.5
X ₂ Y ₂ 104-222	0.1	2200					
X ₂ Y ₂ 104-332	0.1	3300					
X ₂ Y ₂ 104-472	0.1	4700					
X ₂ Y ₂ 104-103	0.1	10000					
X ₂ Y ₂ 104-253	0.1	25000					
X ₂ Y ₂ 154-102	0.15	1000	27.0	20.0	11.0	11.5	2.5
X ₂ Y ₂ 154-222	0.15	2200					
X ₂ Y ₂ 154-332	0.15	3300					
X ₂ Y ₂ 154-472	0.15	4700					
X ₂ Y ₂ 154-103	0.15	10000					
X ₂ Y ₂ 154-253	0.15	25000					
X ₂ Y ₂ 224-102	0.22	1000	27.0	20.0	11.0	11.5	2.5
X ₂ Y ₂ 224-222	0.22	2200					
X ₂ Y ₂ 224-332	0.22	3300					
X ₂ Y ₂ 224-472	0.22	4700					
X ₂ Y ₂ 224-103	0.22	10000					
X ₂ Y ₂ 224-253	0.22	25000					

Model Number	Capacitance		Outside Dimension mm									
	C _{X1} (μF)	C _{Y2} (pF)	W	H	T	F1	F2					
X ₂ Y ₂ 224-332	0.22	3300	27.0	24.0	13.0	11.5	3.0					
X ₂ Y ₂ 224-472	0.22	4700										
X ₂ Y ₂ 224-103	0.22	10000										
X ₂ Y ₂ 224-253	0.22	25000										
X ₂ Y ₂ 334-102	0.33	1000						27.0	24.0	13.0	11.5	3.0
X ₂ Y ₂ 334-222	0.33	2200										
X ₂ Y ₂ 334-332	0.33	3300										
X ₂ Y ₂ 334-472	0.33	4700										
X ₂ Y ₂ 334-103	0.33	10000										
X ₂ Y ₂ 334-253	0.33	25000										
X ₂ Y ₂ 474-102	0.47	1000	27.0	24.0	15.0	11.5	3.5					
X ₂ Y ₂ 474-222	0.47	2200										
X ₂ Y ₂ 474-332	0.47	3300										
X ₂ Y ₂ 474-472	0.47	4700						27.0	24.0	17.0	11.5	4.0
X ₂ Y ₂ 474-103	0.47	10000										
X ₂ Y ₂ 474-253	0.47	25000										

X₂Y₂-CP-A

X₂Y₂-PVC-B

Circuit:

1. Case material: Polybutylene Terephthalate (FR-PBT) UL-94V-0
2. Packed by difficult burned plastic blx and filled with epoxy (UL-94V-0).
3. Leads: A-Tinned copper clad steel soldered to capacitor element.
B-Stranded copper wire (PVC) Insulation. Soldered to capacitor element.