

Hua Jung Components

Selection Table



| Series | Structure | Dielectric | Rated Temp. | Max. Temp | Rated Voltage | Capacitance Range (µF) | Capacitance Tolerance | Recommended Application |
|-----------------------------|--|-------------------------|-----------------------|-----------|--|------------------------|-----------------------|--|
| PEN | Aluminum Foil & Polyester Film | Polyester Film | -40°C ~+85°C | 105°C | 100VDC,200VDC | 0.001 - 0.47 | ±5%, ±10%, ±20% | Audio, TV, CRT monitor. Consumer electronic, General Purpose |
| MEF | Metalized Polyester (General Purpose) | Metalized Polyester | -40°C ~+85°C | 105°C | 100VDC, 250VDC, 400 VDC,630VDC | 0.01 - 10.0 | ±5%, ±10%, ±20% | TV, CRT monitor, Tape-recorder, Consumer electronic, General purpose |
| MFF | | Metalized Polyester | -40°C ~+85°C | 105°C | 100VDC, 250VDC, 400 VDC,630VDC | 0.01 - 10.0 | ±5%, ±10%, ±20% | TV, CRT monitor, Tape-recorder, Consumer electronic, Telecommunication, Auto-control, General purpose |
| MEB | | Metalized Polyester | -40°C ~+85°C | 105°C | 100VDC, 250VDC, 400 VDC,630VDC | 0.01 - 6.8 | ±5%, ±10%, ±20% | TV, CRT monitor, Tape-recorder, Consumer electronic, Telecommunication, Auto-control, General purpose |
| MET | | Metalized Polyester | -40°C ~+85°C | 105°C | 100VDC, 250VDC, 400 VDC,630VDC | 0.01 - 10.0 | ±5%, ±10%, ±20% | Consumer electronic, Auto-control, Telecommunication, General purpose |
| MEA | | Metalized Polyester | -40°C ~+85°C | 105°C | 100VDC, 250VDC, 400 VDC,630VDC | 0.01 - 10.0 | ±5%, ±10%, ±20% | Consumer electronic, Auto-control, Telecommunication, General purpose |
| MFTD | | Metalized Polyester | -40°C ~+85°C | 110°C | 450VDC | 0.1 - 2.2 | ±2%, ±5%, ±10% | Power factor correction(PFC)usage. |
| MFTB | | | | | | | | |
| PPN | Aluminum Foil & Polypropylene Film (Pulse Capacitor) | Polypropylene Film | -40°C ~+85°C | 105°C | 100VDC, 250VDC, 400 VDC,630VDC | 0.001 - 0.82 | ±5%, ±10% | Consumer electronic, Auto-control, Telecommunication, General purpose |
| PPS | | Polypropylene Film | -40°C ~+85°C | 105°C | 800VDC, 1000VDC, 1200VDC, 1600VDC, 2000VDC | 0.001 - 0.1 | ±3%, ±5% | Lighting, TV, CRT monitor |
| PPSB | | Polypropylene Film | -40°C ~+85°C | 105°C | 800VDC, 1000VDC, 1200VDC, 1600VDC, 2000VDC | 0.001 - 0.1 | ±3%, ±5% | Lighting, TV, CRT monitor |
| MPP | Metalized Polypropylene Film (General Pulse) | Metalized Polypropylene | -40°C ~+85°C | 105°C | 100VDC, 250VDC, 400VDC, 630VDC | 0.01 - 10.0 | ±5%, ±10% | Auto-control, Telecommunication, Timing, SMPS |
| MPB | | Metalized Polypropylene | -40°C ~+85°C | 105°C | 100VDC, 250VDC, 400VDC, 630VDC | 0.01 - 10.0 | ±3%, ±5%, ±10% | Auto-control, Telecommunication, Timing, SMPS |
| MPT | | Metalized Polypropylene | -40°C ~+85°C | 105°C | 250VDC, 400VDC, 630VDC | 0.01 - 10.0 | ±5%, ±10% | Auto-control, Telecommunication, Timing, SMPS |
| MPA | | Metalized Polypropylene | -40°C ~+85°C | 105°C | 250VDC, 400VDC, 630VDC | 0.01 - 10.0 | ±5%, ±10% | Auto-control, Telecommunication, Timing, SMPS |
| MPS | Metalized Polypropylene Film (Pulse Capacitor) | Metalized Polypropylene | -40°C ~+85°C | 105°C | 250VDC, 400VDC, 630VDC | 0.022 - 3.3 | ±3%, ±5%, ±10% | TV, CRT monitor, Power Supply, Electronic Ballasts |
| MPSA | | Metalized Polypropylene | -40°C ~+85°C | 105°C | 250VDC, 400VDC | 0.1 - 1.0 | ±3%, ±5% | TV, CRT monitor, Electronic Ballasts, Power Supply |
| MP2 | Metalized Polypropylene Film | Metalized Polypropylene | -40°C ~+85°C | 105°C | 300VAC, 400VAC, 500VAC, 700VAC, 900VAC | 0.001 - 0.1 | ±2%, ±3%, ±5% | Electronic lighting (Ballast & car headlamp), Switching power supply |
| MP3 | | Metalized Polypropylene | -40°C ~+85°C | 105°C | 300VAC, 400VAC, 500VAC, 700VAC, 900VAC | 0.001 - 0.1 | ±2%, ±3%, ±5% | Electronic lighting (Ballast & car headlamp), Switching power supply |
| MP4 | | Metalized Polypropylene | -40°C ~+85°C | 105°C | 300VAC, 400VAC, 500VAC, 700VAC, 900VAC | 0.001 - 0.1 | ±2%, ±3%, ±5% | Electronic lighting (Ballast & car headlamp), Switching power supply |
| MP5 | | Metalized Polypropylene | -40°C ~+85°C | 105°C | 300VAC, 400VAC, 500VAC, 700VAC, 900VAC | 0.001 - 0.1 | ±2%, ±3%, ±5% | Electronic lighting (Ballast & car headlamp), Switching power supply |
| HP4 | Metalized Polypropylene Film | Metalized Polypropylene | -40°C ~+85°C | 110°C | 500VAC, 700VAC | 0.001 - 0.082 | ±2%, ±3%, ±5% | Electronic lighting (Ballast & car headlamp), Switching power supply circuits |
| HP5 | | Metalized Polypropylene | -40°C ~+85°C | 110°C | 500VAC, 700VAC | 0.001 - 0.082 | ±2%, ±3%, ±5% | Electronic lighting (Ballast & car headlamp), Switching power supply circuits |
| MKP 4th gen | Interference Suppression (X2 Class) | Metalized Polypropylene | -40°C ~+110°C | 110°C | 275VAC, 310VAC | 0.0047 - 2.2 | ±10%, ±20% | TV, CRT circuit, Power supply, Antenna coupling, Antenna coupling, Across the line, Line-by-pass, EMI filter |
| MKP 5th gen | | Metalized Polypropylene | -40°C ~+110°C | 110°C | 275VAC, 310VAC | 0.0047 - 10.0 | ±10%, ±20% | TV, CRT circuit, Power supply, Antenna coupling, Antenna coupling, Across the line, Line-by-pass, EMI filter |
| Y2/X1 | | Metalized Polypropylene | -40°C ~+110°C | 110°C | 300VAC, 310VAC | 0.001 - 0.22 | ±10%, ±20% | TV, CRT circuit, Power supply, Antenna coupling, Antenna coupling, Across the line, Line-by-pass, EMI filter |
| MPR and MP | AC Film | Metalized Polypropylene | -40°C ~+85°C or 105°C | | 170/250VAC, 300VAC, 350VAC, 400VAC, 450VAC, 500VAC, 600VAC | 1 - 100 | ±5%, +10/-5%, ±10% | Motor Run, General Purpose AC, High Frequency Electronic Ballasts, Switching Cap for Industrial Controls, Motor Speed Controls |
| MPR and MP VDE rated | | Metalized Polypropylene | -40°C ~+85°C | | 170/250VAC, 300VAC, 350VAC, 400VAC, 450VAC, 500VAC, 600VAC | 1 to 100 | ±5%, +10/-5%, ±10% | Motor Run, General Purpose AC, High Frequency Electronic Ballasts, Switching Cap for Industrial Controls, Motor Speed Controls |
| MPR-2 and MP-2 | AC Film with safety mechanism | Metalized Polypropylene | -40°C ~+85°C or 105°C | | 250VAC, 400VAC, 450VAC | 1 to 70 | ±5%, +10/-5%, ±10% | Motor Run, General Purpose AC, High Frequency Electronic Ballasts, Switching Cap for Industrial Controls, Motor Speed Controls |
| MER and ME | AC Film | Metalized Polyester | -40°C ~+70°C | | 170/250VAC, 300VAC, 350VAC, 400VAC, 450VAC, 500VAC, 600VAC | 1 to 100 | ±5%, +10/-5%, ±10% | Motor Run, General Purpose AC, Switching Cap for Industrial Controls, Motor Speed Controls |