

# METALLIZED POLYESTER MOTOR RUN/POWER FACTOR

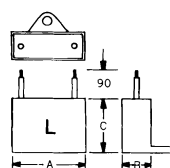
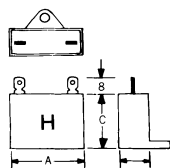
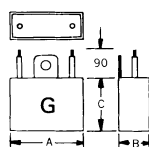
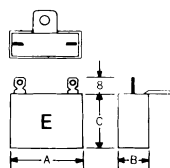
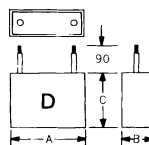
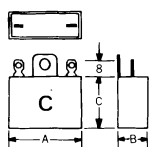
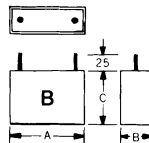
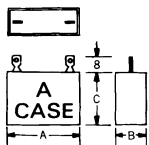
TYPE 6124

PART NUMBER 6124 L R F - XXX / XXX X

Type \_\_\_\_\_  
 Case \_\_\_\_\_  
 Lug # if not STD \_\_\_\_\_  
 Resistor (if required) \_\_\_\_\_  
 Thermal fuse (if required) \_\_\_\_\_  
 VAC \_\_\_\_\_  
 Capacitance \_\_\_\_\_  
 Tolerance \_\_\_\_\_

## GENERAL SPECIFICATION

- OPERATING TEMPERATURE:**  
-25°C to +70°C, see note below
- VOLTAGE RANGE:**  
160 to 250 VAC  
Higher voltages upon request
- CAPACITANCE RANGE:**  
1.0 to 30.0 µF
- DIELECTRIC STRENGTH:**  
(for 1 min.)  
WV x 1.75 (between term.)  
WV x 2.0 +1000 (term. to case)
- CAPACITANCE TOLERANCE:**  
J = ±5%, K = ±10%  
Other tol. available
- DISSIPATION FACTOR:**  
1.0% max. at 1 KHz



## APPLICATION

Motor Run. Power Factor correction of retrofit compact fluorescent (PL) lights. Exit lights and ceiling lights. Fractional HP Motors Appliance.

## FEATURES

- UL Recognized. File E154287
- Available with thermal cutoff (opens at 115°C) to remove the capacitor from circuit in case of failure. Thermal cutoff available in case styles B, D, G and L only. Thermal cutoff is one shot, non-resetable and UL recognized.
- Thermal cutoff is available on case style B, D, G and L only, with both wires at one end of case.
- Metallized Polyester Capacitor.
- Available with bleeder resistor to safely discharge the capacitor to less than 50 volts within one minute, in compliance with UL 935 para.13.2 (10/19/84).
- Case and Epoxy Comply with UL listed 94V-O for flame retardancy.

## CAUTION

- In Lighting Applications the use of a thermal fuse in conjunction with this unit is strongly suggested.
- Thermal fuse can be incorporate in Case type B, D, G and L only.
- Note: For capacitors with thermal cutoff, refer to hardware page.
- 80° operation capacitors available in larger case sizes. Please contact Tecate.



File No. E154287

## SIZES ±1MM

UNIT: M/M

CAPACITANCE		VAC RATED		
		160 to 250V		
CODE	(µF)	A	B	C
105	1.0	32	10	21
155	1.5	32	10	21
205	2.0	32	10	21
255	2.5	32	11	21
305	3.0	32	13	23
355	3.5	32	13	23
405	4.0	37	13	24
455	4.5	37	13	24
505	5.0	37	13	24
555	5.5	37	15	26
605	6.0	37	15	26
705	7.0	37	17	29
805	8.0	37	17	29
905	9.0	37	19	29
106	10.0	37	19	29
126	12.0	50	19	29
146	14.0	50	19	29
156	15.0	50	19	29
166	16.0	50	20	30
206	20.0	51	22	32
256	25.0	51	25	36
306	30.0	59	30	40

Other, cap. values available on request