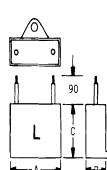
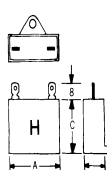
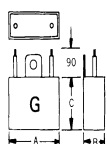
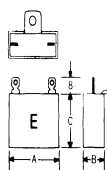
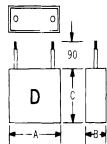
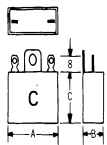
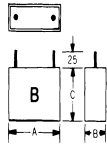
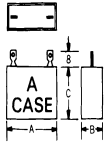


## METALLIZED POLYPROPYLENE



### SPECIFICATIONS

Performance Characteristics	
Operating Temperature Range	-25°C ~ +70°C (code 7 (STD)). -25°C ~ +85°C (code 8).
Voltage Range	160VAC ~ 500VAC.
Withstanding Voltage (between leads)	1.75 times rated voltage for 60 seconds. 2.00 times rated voltage for 60 seconds +1000 (lead to case).
Capacitance Range	1μF ~ 25μF.
Capacitance Tolerance	±5% & ±10%.
Maximum Dissipation Factor % (1KHz)	0.2.

### PART NUMBERING

Part Number Example: 7124LRF7-xxx/xxxX										
<b>7124</b>	<b>L</b>		<b>R</b>	<b>F</b>	<b>7</b>	<b>-</b>	<b>xxx</b>	<b>/</b>	<b>xxx</b>	<b>X</b>
Type	Case	Lug # (if not STD)	Resistor (if required)	Thermal Fuse (if required)	Operating Temperature		Rated VAC Voltage		Capacitance Code (pF)*	Tolerance Code

\* Capacitance Code: First two digits represent significant figures, third digit represents multiplier (number of zeros).

### FEATURES

- U.L. Recognized. File E154287.
- Available with thermal cutoff to remove the capacitor from circuit in case of failure. Thermal cutoff is one shot, non-resetable and UL recognized.
- 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 94V-O for flame retardancy.
- Note: For capacitors with thermal cutoff, refer to hardware page.

### NOTE

- For case styles H and L, add 1mm to the B dimension.

### APPLICATION

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

### CAUTION

- In Lighting Applications the use of a thermal fuse in conjunction with this unit is strongly suggested.
- Thermal cutoff is available on case style B, D, G, and L only, and both wires will be at one end of case.



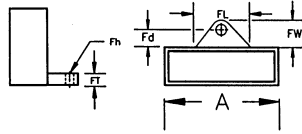
**RATINGS AND DIMENSIONS**

**SIZES (mm ± 1mm)**

Capacitance		Rated Voltage (VAC)																	
		250			300			350			400			450			500		
Code	(µF)	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
105	1.0	32	10	21	32	10	21	32	11	21	32	13	23	37	13	24	37	15	24
155	1.5	32	10	21	32	10	21	32	13	23	32	15	25	37	15	26	37	17	29
205	2.0	32	10	21	32	13	23	32	15	25	37	15	26	37	17	29	37	21	29
255	2.5	32	11	21	32	15	25	37	15	26	37	17	29	37	21	29	50	19	29
305	3.0	32	13	23	32	15	25	37	15	29	37	19	29	50	19	29	50	20	30
355	3.5	32	13	23	37	15	26	37	17	29	37	21	29	50	19	29	51	22	32
405	4.0	37	13	24	37	15	26	37	19	29	50	19	29	50	20	30	51	25	36
455	4.5	37	13	24	37	15	29	37	19	29	50	19	29	51	22	32	51	25	36
505	5.0	37	15	24	37	17	29	50	19	29	50	20	30	51	22	32	51	25	36
555	5.5	37	15	24	37	17	29	50	19	29	51	22	32	51	25	36	58	25	36
605	6.0	37	15	26	37	19	29	50	19	29	51	22	32	51	25	36	58	25	36
705	7.0	37	17	29	37	21	29	50	20	30	51	25	36	58	25	36	59	30	40
805	8.0	37	17	29	50	19	29	51	22	32	51	28	36	59	30	40	58	35	45
905	9.0	37	19	29	50	19	29	51	25	36	58	25	36	59	30	40	58	35	45
106	10.0	37	19	29	50	20	30	51	25	36	58	25	36	59	30	40			
126	12.0	50	19	29	51	22	32	58	23	35	59	30	40	58	35	45			
146	14.0	50	19	29	51	25	36	58	25	36	58	35	45						
156	15.0	50	20	30	51	25	36	59	30	40	58	35	45						
166	16.0	50	20	30	51	25	36	59	30	40									
206	20.0	51	22	32	58	25	36	58	35	45									
256	25.0	51	25	36	59	30	40												
306	30.0	51	30	40	58	35	45												
406	40.0	58	35	45															

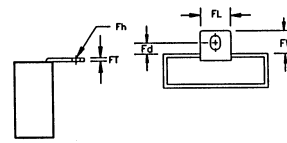
Other capacitance values available on request.

## FLANGES



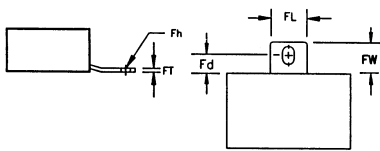
**H & L CASE**

Bottom Flange	
A < 37.0mm	A > 37.0mm
FL= 15.0 ±	FL= 20.0 ±1.0
FW= 10.0 ± 0.5	FW=10.0 ± 0.5
FT= 4.2	FT= 4.5 ± 0.5
Fh= 4.3ø	Fh= 4.5ø
Fd= 5.0 ± 0.5	Fd= 5.0 ± 0.5



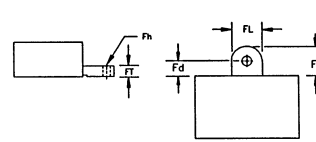
**E CASE**

Top Flange, metal-90°
ZINC PLATED IRON
FL= 12.0
FW=11.6 ± 1
FT= 0.5
Fh= 4.8x6.2
Fd= 6.0 ± 1.0



**C & G CASE**

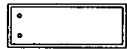
Top Flange, metal
ZINC PLATED IRON
FL= 12.0
FW=11.6 ±1
FT= 0.5
Fh= 4.8 x 6.2
Fd= 6.0 ± 1.0



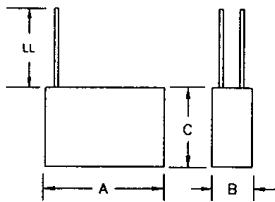
**C & G CASE**

Top Flange, plastic-opt.
FL= 12.0
FW=13.0 ± 0.1
FT= 3.0 ± 0.1
Fh= 4.1ø± 1
Fd= 6.0 ± 1.0

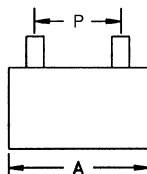
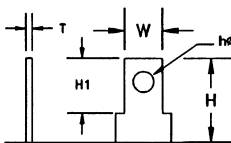
## CAPACITOR WITH THERMAL CUTOFF



Capacitors with thermal cutoff are only available with insulated wire and the wire on one end as shown.



## LUGS



Lug	#187	#250	(STD)		#250	#187
W	4.75 ± 0.5	6.35 ± 0.5	4.5 ± 0.5	4.5 ± 0.5	6.35 ± 0.5	4.75 ± 0.5
H	10 ± 1.0	10 ± 1.0	10 ± 1.0	8.0 ± 1.0	10.0 ± 1.0	10 ± 1.0
H1	6.5 ± 0.5	7.8 ± 0.5	-	-	7.8 ± 0.5	6.5 ± 0.5
T	0.5 ± 0.1	0.8 ± 0.1	0.5 ± 0.1	0.5 ± 0.1	0.8 ± 0.1	0.5 ± 0.1
hø	1.6 ± 0.1	1.6 ± 0.1	2.0 ± 0.1	2.2 ± 0.1	1.6 ± 0.1	1.6 ± 0.1
Lugs	Tin Plated Copper		Tin Plated Iron (STD)		Tin Plated Copper	
A	LUGS SPACING (P)					
32	22	20	22	19	22	
37	27	25	27	24	27	
50	40	38	40	37	40	

## WIRES

- Wire: Bare, Solid, Tinned Copper clad steel, #20 AWG, LL=25mm.
- Wire: Insulated, Solid, #20 SWA, LL=90.0mm, Blue Color (STD), Optional: Green & Black.
- Wire: Insulated, Strnd, #20 SWA, LL=90.0mm, Red Color (STD), Optional: White & Yellow.

- Note: a) Stripped ends = 10mm (STD), PVC Wall Thickness 0.79mm (STD)  
 b) Other Lead Length available on request.  
 c) Other colors are available with minimum order of 30K feet of wire.

Note: Resistors are available for all lug types.