



FEATURES

Small size - High voltage – High Capacitance

APPLICATIONS

Motor Run

Operating Temperature Range		-25°C to +85°C							
Capacitance Tolerance		±10% at 1 kHz, 25°C							
AC Voltage	70°C	250	275	300	350	370	400	450	
	85°C	200	220	250	280	320	320	360	
Maximum Over voltage		110% of rated VAC							
Dissipation Factor (MAX) Tan δ at 1 kHz and 25°C		1.0%							
Insulation Resistance		Terminal to Terminal				Terminal to Case			
		1000 MΩxuF After 1 minute of 100VDC applied between the terminals at 25°C				2000 MΩxuF After 1 minute of 100VDC applied between the terminals at 25°C			
Self Inductance		<1 nano-Henry per mm of lead spacing and lead length							
Long Term Stability		Capacitance variation <1% MAX after 2 years							
Dielectric Strength		Terminal to Terminal				Terminal to Case			
		175% of VAC applied for 60 Seconds and 25°C				200% of VAC+1000VAC or 2KVAC at 50/60 Hz applied between the terminals and case for 60 Seconds and 25°C, whichever is greater			
Agency certifications		UL – E144575							
		C22.2 No. 190-M1985							
Terminations		Connection: Insert stripped wire into contact hole Removal: Push probe or pin into the mounting hole and press down the contact slightly to release and remove the wire Release Probe or Pin Wire AWG 18-20 8 +1mm Stripped length Stripped Wire							



Mounting lead Options

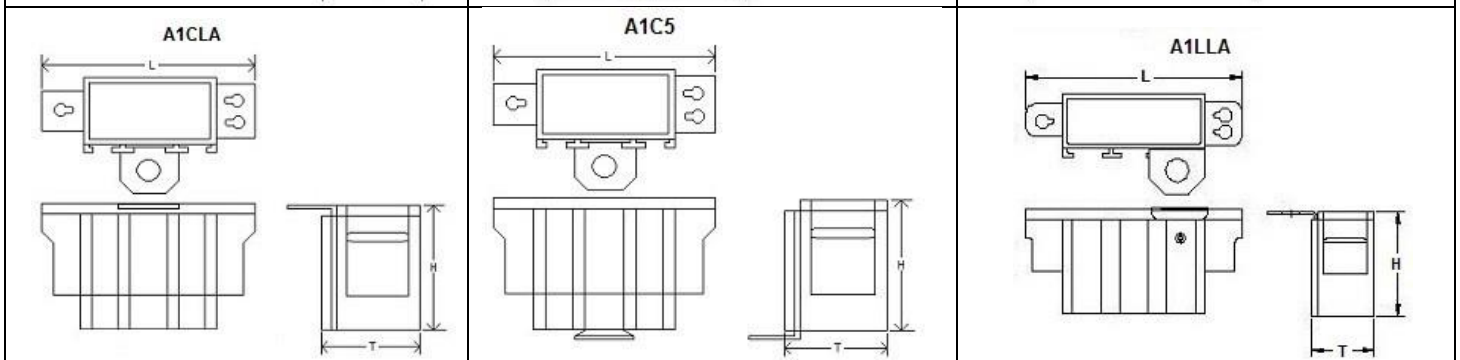
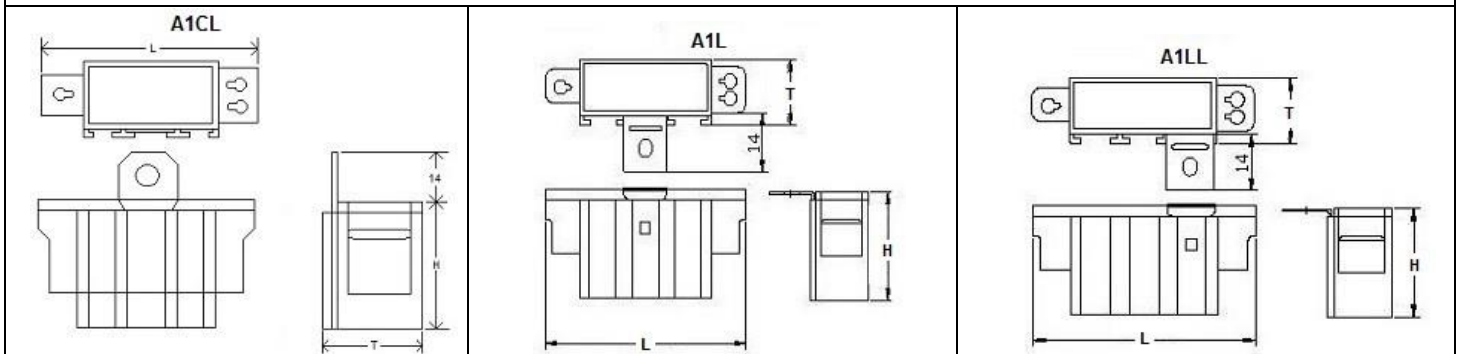
Case Code B8



Case Code B5 and B5B



Case Code A3



QPC

Motor Run

VAC	Capacitance (μF)	IC PART NUMBER	Dims LxHxT (mm)	Case Code
250	1	105QPC250KA3#	46x24x13	A3
250	1.2	125QPC250KA3#	46x24x13	A3
250	1.5	155QPC250KA3#	46x24x13	A3
250	2	205QPC250KA3#	46x24x13	A3
250	2.5	255QPC250KA3#	46x24x13	A3
250	3	305QPC250KA3#	46x24x13	A3
250	3.5	355QPC250KA3#	46x24x13	A3
250	4	405QPC250KA3#	46x24x13	A3
250	4	405QPC250KB5#	52x26x18	B5
250	4	405QPC250KB5B#	52x26x24	B5B
250	4.5	455QPC250KB5#	52x26x18	B5
250	4.5	455QPC250KB5B#	52x26x24	B5B
250	5	505QPC250KA3#	46x24x13	A3
250	5	505QPC250KB5#	52x26x18	B5
250	5	505QPC250KB5B#	52x26x24	B5B
250	5	505QPC250KB8#	53x30x22	B8
250	6	605QPC250KB5#	52x26x18	B5
250	6	605QPC250KB5B#	52x26x24	B5B
250	6	605QPC250KB8#	53x30x22	B8
250	7	705QPC250KB5#	52x26x18	B5
250	7	705QPC250KB5B#	52x26x24	B5B
250	7	705QPC250KB8#	53x30x22	B8
250	8	805QPC250KB8#	53x30x22	B8
250	9	905QPC250KB8#	53x30x22	B8
250	10	106QPC250KB8#	53x30x22	B8
275	0.9	904QPC275KA3#	46x24x13	A3
275	3	305QPC275KA3#	46x24x13	A3
275	5	505QPC275KB8#	53x30x22	B8
275	5.5	555QPC275KA3#	52x27x18	A3
275	8	805QPC275KB8#	53x30x22	B8
300	0.8	804QPC300KA3#	46x24x22	A3
300	2.5	255QPC300KA3#	46x24x22	A3
300	2.5	255QPC300KB5#	52x26x18	B5
300	2.5	255QPC300KB5B#	52x26x24	B5B
300	4	405QPC300KB8#	53x30x22	B8
300	4.5	455QPC300KB5B#	52x26x24	B5B

VAC	Capacitance (μF)	IC PART NUMBER	Dims LxHxT (mm)	Case Code
300	4.5	455QPC300KB5#	52x26x18	B5
300	7	705QPC300KB8#	53x30x22	B8
300	7	705QPC300KB8#	53x30x22	B8
350	0.6	604QPC350KA3#	46x24x13	A3
350	1.8	185QPC350KA3#	46x24x13	A3
350	1.8	185QPC350KB5#	52x26x18	B5
350	1.8	185QPC350KB5B#	52x26x24	B5B
350	2.5	255QPC350KB5#	52x26x18	B5
350	2.5	255QPC350KB5B#	52x26x24	B5B
350	3.5	355QPC350KB8#	53x30x22	B8
350	5.5	555QPC350KA3#	53x30x22	A3
370	4	405QPC370KB8#	53x30x22	B8
370	5	505QPC370KB8#	53x30x22	B8
370	6	605QPC370KB8#	53x30x22	B8
400	0.5	504QPC400KA3#	46x24x13	A3
400	1	105QPC400KB5#	52x26x18	B5
400	1	105QPC400KB5B#	52x26x24	B5B
400	1.2	125QPC400KA3#	46x24x13	A3
400	1.5	155QPC400KB5#	52x26x18	B5
400	1.5	155QPC400KB5B#	52x26x24	B5B
400	2	205QPC400KB5#	52x26x18	B5
400	2	205QPC400KB5B#	52x26x24	B5B
400	2.5	255QPC400KB5#	52x26x18	B5
400	2.5	255QPC400KB5B#	52x26x24	B5B
400	2.7	275QPC400KB5#	52x26x18	B5
400	2.7	275QPC400KB5B#	52x26x24	B5B
400	3	305QPC400KB8#	53x30x22	B8
400	4	405QPC400KB8#	53x30x22	B8
450	0.4	404QPC450KA3#	46x24x13	A3
450	1	105QPC450KA3#	46x24x13	A3
450	1	105QPC450KB5#	52x26x18	B5
450	1	105QPC450KB5B#	52x26x24	B5B
450	2	205QPC450KB5#	52x26x18	B5
450	2	205QPC450KB5B#	52x26x24	B5B
450	3.3	335QPC450KB8#	53x30x22	B8