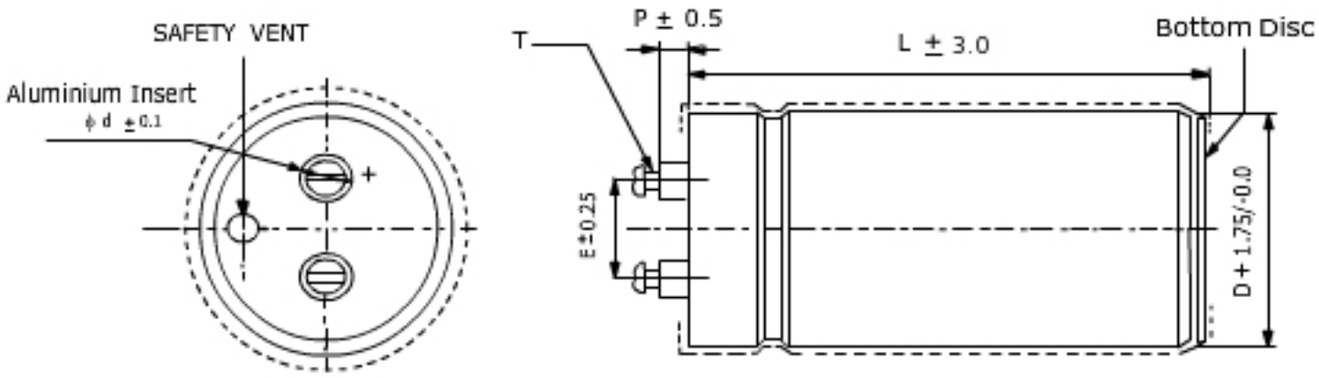
ALCON ELECTRONICS PRIVATE LIMITED

ALUMINUM ELECTROLYTIC CAPACITORS

PG-6SR 669 - 4700MFD - 160VDC - 50X105 - AEST(Provisional) DATE :24-10-2013



Note:ALL DIMENSIONS ARE IN MM

Dimensions

D	L	E	P	T	d	Terminal Style
50	105	22.1	7.8	M5X0.8pX10	9.5	AEST

Electrical parameters

Nominal Capacitance at 100 Hz and 25°C	4700 MFD
Capacitance Tolerance	±20%
Rated Voltage DC	160 Vdc
Surge Voltage	184 Vdc
Typical ESR (at 100 Hz and 25°C)	0.025 Ohm
Typical Impedance (at 10 kHz and 25°C)	0.025 Ohm
Max Tan Delta (at 100 Hz and 25°C)	12%
Max Ripple Current (at 100 Hz and 85°C)	10.9 Amp
Max Leakage Current (After 5 min of applying rated voltage)	2256 µA at 25°C
Temperature Range	-40°C to +85°C
Useful Life	> 12000 hr

Multiplying Factor for Ripple Current at other Temperatures

+40°C	+45°C	+50°C	+65°C
2.10	2.00	1.90	1.60

Ripple Current Capacity at other Frequency

Frequency Hz	100	250	500	1K to 10K	>10K
Multiplying Factor	1.00	1.05	1.20	1.32	1.35

Prepared By	Verified By	Approved By