



## Aluminum Electrolytic Capacitors

Snap-in capacitors

<b>Series/Type:</b>	<b>B43545</b>
<b>Ordering code:</b>	<b>B43545S7477M001</b>
Date:	March 18, 2016
Version:	2

**Aluminum Electrolytic Capacitors**
**B43545S7477M001**
**Snap-in capacitors**
**B43545**
**Preliminary data**
**105 °C / 5000 h**

- Outstanding ripple current
- compact, long useful life

Ordering code:

**B43545S7477M001**

Development code:

PA09536

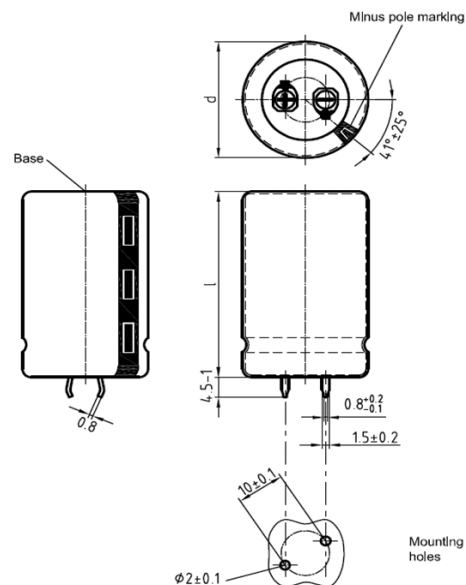
Customer:

Capacitor development status

- 
- Design approved
- 
- Design under development

Dimensions (mm)

d+1	l±2.5	Terminals
35	70	Snap-in short


**Without base insulation**
**Technical data**

Rated capacitance	$C_R$	120 Hz, 20 °C	470 $\mu$ F	
Capacitance tolerance			$\pm 20\%$	
Rated voltage	$V_R$		550 V	
Surge voltage	$V_S$		605 V	
Operating temperature range			-25 / +105 °C	
Maximum leakage current	$I_{leak}$	5 min, 20 °C	1.9 mA	
Typical ESR	$ESR_{typ}$	120 Hz, 20 °C	250 m $\Omega$	
Typical ESR	$ESR_{typ}$	300 Hz, 60 °C	70 m $\Omega$	
Maximum dissipation factor	$\tan \delta$	120 Hz, 20 °C	0.2	
Maximum impedance	$Z_{max}$	10 kHz, 20 °C	410 m $\Omega$	
Rated ripple current	$I_{AC,R}$	120 Hz, 105 °C	2.5 A	
Maximum ripple current	$I_{AC,max}$	120 Hz, 60 °C	6.6 A	
Useful life	105 °C, $V_R$ , $I_{AC,R}$		5000 h	After test: $ \Delta C/C  \leq 20\%$ of initial value $\tan \delta \leq 2 \times$ initial spec. limit $I_{leak} \leq$ initial spec. limit
Other specifications	IEC 60384-4, CECC 30301-809, Data Book 2015, RoHS-compatible			

Cautions and warnings: see Data Book 2015 or www.epcos.com

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