

Customer : Newave SA

Drawing No. : 10008949

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Issued : 7.07.10

Type : SI4P12245040090

RoHS Compliant



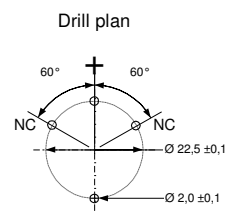
Insulation :
PVC
2500 Vac

∅ D : 40 mm

L : 90 mm

h : 4,5 mm


Terminals : Snap In



NC terminals are not to be
connected to the electrical circuit !

Electrical Parameter

Rated Capacitance (C_R) 100 Hz / 20 °C	1200 μF	
Tolerance	± 10 %	
Rated Voltage (U_R)	450 V	
Surge Voltage (U_S) max. 5 x 1 min / h	510 V	T = 0 °C, 5% UN = 500 V (I = 0 A)
Reverse Voltage (U_{Rev}) max. 1 s	2 V	
Leakage Current (I_L) U_R / 5 min / 20 °C	3240 μA	
ESR typ. 100 Hz / 20°C	93 mΩ	
Tan δ typ. 100 Hz / 20°C	7 %	
Z max. 10 kHz / 20°C	75 mΩ	
ESL typ.	20 nH	
Rated Ripple Current (I_R) 100 Hz / 105 °C	3,3 A	
Rated Ripple Current (I_{R55}) 100 Hz / 55 °C	8,3 A	
Useful Life @ I_R , U_R , 105°C	5000 h	$\Delta C/C < \pm 20\%$ $ESR \leq 3$ times initial value $I_L \leq$ initial value

F&T Fischer & Tausche Kondensatoren GmbH Nedderweg 25813 Husum / Germany Tel. +49 (0) 4841 8957 0 Fax. +49 (0) 4841 8957 45 Email info@ftcap.de	F&T Fischer & Tausche Kondensatoren GmbH Preliminary datasheet	
Customer : Newave SA Drawing No. : 10008949 Issued : 7.07.10		page 2 / 2
Type : SI4P12245040090		RoHS Compliant
Load Life @ I _R , U _R , 105°C	2000 h	$\Delta C/C < \pm 10\%$ ESR \leq 2 times initial value I _L \leq initial value
IEC Climatic category / Standards	40/105/56	IEC 60384-4
Applications	Industrial electronic	
Your article No. / Project		