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Messrs. RS COMPONENTS

ALUMINUM ELECTROLYTIC CAPACITORS SPECIFICATION SHEET

CUSTOMER PART No.		
Rubycon PART No.	400 CXW 56 M EFC 18X20	
DRAWING No.	REE – 115459	ISSUE No. 1
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RUBYCON CORPORATION
ENGINEERING DIVISION

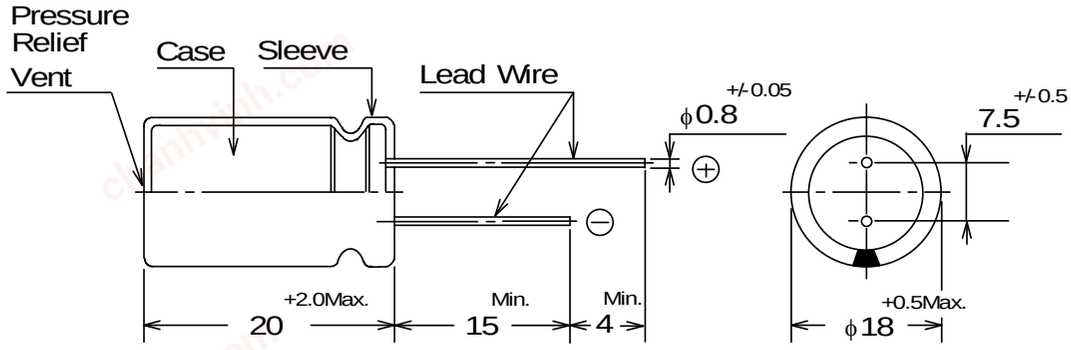
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Fixed aluminum electrolytic capacitors for use in electronic equipment	Customer Part Number	
	Rubycon Part Number	400 CXW 56 M EFC 18X20
	Style	CE 04
	Operating Temperature Range	-25°C~+105°C
	The General Standard	JIS C5141(1991)

1.Dimensions (unit:mm)



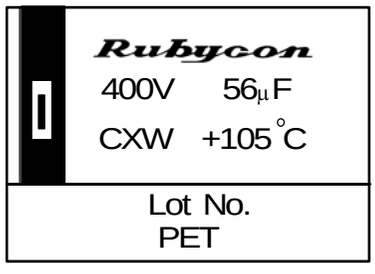
	Sleeve	Case	Seal	Lead Wire
Material	P.E.T.	Al	Rubber	CP Wire (Tin plating)
Appearance	Black			

2.Electrical Performance

Nominal Capacitance (μF)	Capacitance Tolerance (%)	Rated Voltage (V.DC)	Surge Voltage (V.DC)	Leakage Current Max./5min. (μA)	tan δ Max.	Rated Ripple Current (A r.m.s.)
20°C/120Hz	20°C/120Hz			20°C	20°C/120Hz	105°C/120Hz
56	-20 ~ +20	400	450	448	0.20	0.46

3.Marking:Unless otherwise specified,capacitor shall be clearly marked on its body.

(1)Brand
(2)Rated Voltage
(3)Nominal Capacitance
(4)Series
(5)Maximum Operating Temperature
(6)Polarity
(7)Lot No.
(8)Sleeve Material



4.Temperature Characteristics (Impedance ratio at 120Hz)

Z (-25°C)/Z (20°C): 8 MAX.

5.Load Life Test

After 5000 $^{+72}_{0}$ hours application of D.C. rated working voltage with full rated ripple current at 105±2°C, the capacitor shall meet the following requirements.

Capacitance Change :Within ±20% of the initial value
Dissipation Factor :Not more than 200% of the specified value
Leakage Current :Not more than the specified value

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6.Notes (on the use of aluminum electrolytic capacitors)

(1)Charge and discharge

Do not use for a circuit where rapid charge and discharge is frequently repeated.

(2)Insulation

Aluminum electrolytic capacitors are covered with P.E.T. sleeve which purpose is mainly indication of necessary items.

The case of capacitor and the cathode terminal are not insulated.

(3)Polarity

Please confirm the polarity before use because this capacitor has polarity.

∗Guide to application except the above are described in our catalog and EIAJ RCR-2367C.

EIAJ RCR-2367C: “Safety Application Guide for fixed aluminum electrolytic capacitors for use in electronic equipment”
Published by Japan Electronics and Information Technology Industries Association.