

These capacitors are particularly suitable for telephone equipment where low loss, excellent stability and high reliability are required.

The 'high - rise' shape facilitates high packing density.

They are polystyrene film capacitors with tin electrodes sealed in a polypropylene case, both materials are flame retardant and resistant to cleaning fluids.

Dimensions:	
A	7.5mm
C	5.08mm
H	15.5mm

Terminations:	
Wire Diameter (mm)	Length (mm)
0.6mm dia	4 ± 1mm long

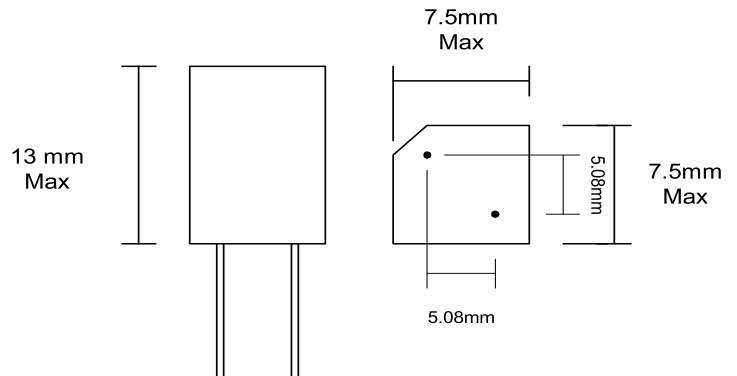
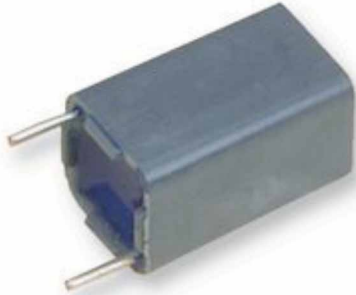
SPECIFICATION

Capacitance Range	8N21 - 15 nF
Capacitance Tolerance	±1%, ± 2%, ± 5%
Voltage (DC working)	63VDC
Insulation Resistance (at 23°C)	> 50.000 MΩ
Loss Factor (1KHz)	0.0005
Temperature Coefficient	-110 ± 60 p.p.m./°C
Climatic Category	40/070/56

Considerable detailed data is available on specific components, for example :-

Loss factor at 120Hz, 1000Hz, 10Khz, 100Khz and 1MHz

Self resonant frequencies.



These capacitors are particularly suitable for telephone equipment where low loss, excellent stability and high reliability are required.

The 'high - rise' shape facilitates high packing density.

They consist of extended foil polystyrene capacitors sealed into a case with epoxy resin.

Dimensions:	
A	7.5mm
C	5.08mm
H	13mm max including stand offs

Terminations:	
Wire Diameter (mm)	Length (mm)
0.6mm dia	4 ± 1mm long

SPECIFICATION

Capacitance Range	47pf - 8,200pf
Capacitance Tolerance	±1%, ± 2%, ± 5% (or 1.5pF whichever is the greater)
Voltage (DC working)	63VDC
Insulation Resistance (at 23°C)	> 500,000 MΩ
Loss Factor (1KHz)	0.0003
Temperature Coefficient	-110 ± 60 p.p.m./°C
Climatic Category	40/70/56

Considerable detailed data is available on specific components, for example :-

Loss factor at 120Hz, 1000Hz, 10Khz, 100Khz and 1MHz

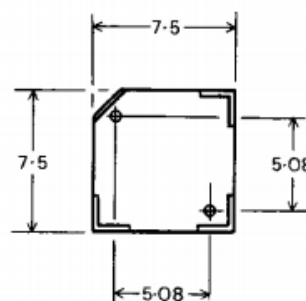
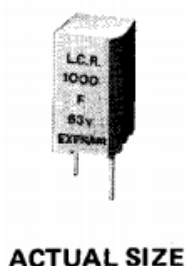
Self resonant frequencies.

The capacitance range can be extended up to 120,000pf with polypropylene dielectric (See MKP/HR data sheet).

Datasheet

RS 6.8nF $\pm 1\%$ 63 V dc Radial Through Hole Polystyrene Film Capacitor EXFS

RS Stock 116-313



Specifications

These capacitors are particularly suitable for telephone equipment where low loss, excellent stability and high reliability are required.

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They consist of extended foil polystyrene capacitors sealed into a case with epoxy resin, both materials being flame retardant and resistance to cleaning fluids.

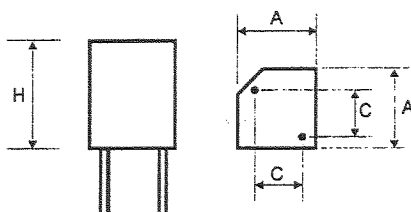
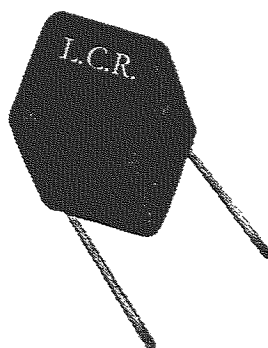
Characteristics

- Capacitance Range: 47-15,000 pf
- Capacitance Tolerance: $\pm 1\%$, 2%, 5% (or 1 $\frac{1}{2}$ pf whichever is the greater)
- Voltage: 63V D.C
- Insulation Resistance: Greater than 500,000 M
- Loss Factor (1kHz): 3×10^{-4}
- Temperature Coefficient: -110 ± 60 p.p.m./°C
- Climatic Category: 40/070/56

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The 'high-rise' shape facilitates high packing density.

They consist of extended foil polystyrene capacitors sealed into a case with epoxy resin, both materials being resistant to cleaning fluids.



DIMENSIONS :

A - 7.5mm
C - 5.08mm
H - 13mm max including stand offs.

TERMINATIONS :

0.6mm diam, 4 ± 1 mm long

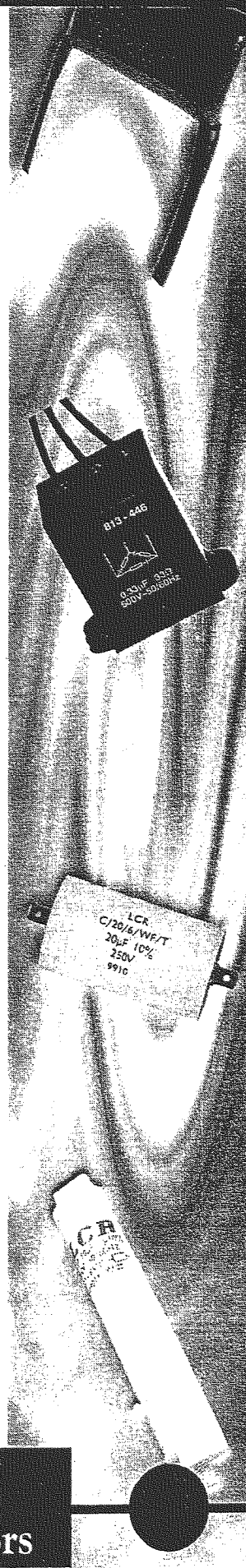
CHARACTERISTICS	
Capacitance :	47 - 8,200 pF
Capacitance Tolerance :	$\pm 1\%, 2\%, 5\%$ (or 1.5pf whichever is the greater)
Voltage :	63 V.D.C.
Insulation Resistance (at 23°C) :	> 500,000 M Ω
Loss Factor (1KHz) :	0.0003
Temperature Coefficient :	- 110 \pm 60 p.p.m./°C
Climatic Category :	40/070/56

Considerable detailed data is available on specific components, for example : -

Loss factor at 120 Hz, 1000 Hz, 10KHz, 100KHz and 1MHz.

Self resonant frequencies.

The capacitance range can be extended up to 120,000 pf with polypropylene dielectric (See MKP/HR data sheet).



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