



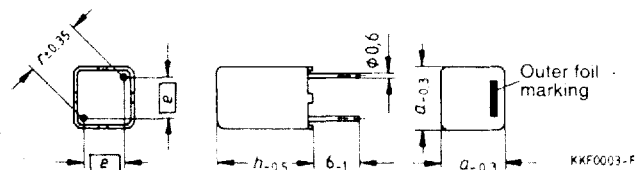
STYROFLEX capacitor; long-life grade Quality approval as per CECC 30901-006

For telecom and measuring systems,
RF and IF filters, timing and resonant circuits

Plastic case, sealed, flame-retardant (UL 94 V-0)

Types with lead spacing 7.5 mm and 10 mm are supplied in stick magazines.

| | | |
|------------------------------------|---------|---|
| Service life | | 200000 h |
| Failure rate | | $0.8 \cdot 10^{-9}/h = 0,8 \text{ fit}$ |
| Rated dc voltage V_R | | 63 V |
| AC voltage V_{ac} | | 25 V |
| IEC climatic category | | 40/085/21 ¹⁾ |
| Dissipation factor $\tan \delta$ | 10 kHz | $(0,2 \dots 0,4) \cdot 10^{-3}$ |
| | 100 kHz | $(0,3 \dots 0,6) \cdot 10^{-3}$ |
| Temperature coefficient α_c | | $-(60 \dots 180) \cdot 10^{-6}/K$ |



| | |
|-------------|-------------------------------------|
| Marking | Manufacturer's logo |
| | Design (KS) |
| | Rated capacitance (pF) |
| | Capacitance tolerance (code letter) |
| | Rated dc voltage |
| | Date of manufacture (coded) |
| Outer foil: | Bar |

1) Values are also kept after 56 days of humidity test

High-Precision Capacitors (KS)



| C _R | Dimensions (max.) a × a × h mm | Ordering code | Min qty | Max qty | Price each in DM | | | |
|----------------|--------------------------------------|-----------------|--|------------|------------------|-----------------------------|-------|--|
| | | | | | Min qty + | 100 + | 250 + | |
| 63 Vdc | | | Lead spacing [e] = 5 mm, r = 7,1 mm | | | Capacitance tolerance ± 1 % | | |
| 100 | 6,3 × 6,3 × 11 | B31531-B5101-F | 100 | 250 | 1,90 | | 1,61 | |
| 150 | 6,3 × 6,3 × 11 | B31531-B5151-F | 100 | 250 | 1,90 | | 1,61 | |
| 220 | 6,3 × 6,3 × 11 | B31531-B5221-F | 100 | 250 | 1,46 | | 1,23 | |
| 270 | 6,3 × 6,3 × 11 | B31531-B5271-F | 100 | 250 | 1,46 | | 1,23 | |
| 330 | 6,3 × 6,3 × 11 | B31531-B5331-F | 100 | 250 | 1,46 | | 1,23 | |
| 390 | 6,3 × 6,3 × 11 | B31531-B5391-F | 100 | 250 | 1,30 | | 1,10 | |
| 470 | 6,3 × 6,3 × 11 | B31531-B5471-F | 100 | 250 | 1,30 | | 1,10 | |
| 560 | 6,3 × 6,3 × 11 | B31531-B5561-F | 100 | 250 | 1,30 | | 1,10 | |
| 680 | 6,3 × 6,3 × 11 | B31531-B5681-F | 100 | 250 | 1,30 | | 1,10 | |
| 820 | 6,3 × 6,3 × 11 | B31531-B5821-F | 100 | 250 | 1,33 | | 1,12 | |
| 1000 | 6,3 × 6,3 × 11 | B31531-B5102-F | 100 | 250 | 1,33 | | 1,12 | |
| 1200 | 6,3 × 6,3 × 11 | B31531-B5122-F | 100 | 250 | 1,33 | | 1,12 | |
| 1500 | 6,3 × 6,3 × 11 | B31531-B5152-F | 100 | 250 | 1,33 | | 1,12 | |
| 1800 | 6,3 × 6,3 × 11 | B31531-B5182-F | 100 | 250 | 1,33 | | 1,12 | |
| 2200 | 6,3 × 6,3 × 11 | B31531-B5222-F | 100 | 250 | 1,33 | | 1,12 | |
| 2700 | 6,3 × 6,3 × 11 | B31531-B5272-F | 100 | 250 | 1,33 | | 1,12 | |
| 3300 | 6,3 × 6,3 × 11 | B31531-B5332-F | 100 | 250 | 1,33 | | 1,12 | |
| 3900 | 6,3 × 6,3 × 11 | B31531-B5392-F | 100 | 250 | 1,33 | | 1,12 | |
| 4700 | 6,3 × 6,3 × 11 | B31531-B5472-F | 100 | 250 | 1,33 | | 1,12 | |
| 5600 | 6,3 × 6,3 × 11 | B31531-B5562-F | 100 | 250 | 1,35 | | 1,14 | |
| 6800 | 6,3 × 6,3 × 11 | B31531-B5682-F | 100 | 250 | 1,35 | | 1,14 | |
| 8200 | 7,5 × 7,5 × 13 | B31531-B5822-F | 100 | 250 | 1,35 | | 1,14 | |
| 10000 | 7,5 × 7,5 × 13 | B31531-B5103-F | 100 | 250 | 1,35 | | 1,14 | |
| 12000 | 7,5 × 7,5 × 13 | B31531-B5123-F | 100 | 250 | 1,35 | | 1,14 | |
| 15000 | 7,5 × 7,5 × 13 | B31531-B5153-F | 100 | 250 | 1,35 | | 1,14 | |
| 63 Vdc | | | Lead spacing [e] = 7,5 mm, r = 10,6 mm | | | Capacitance tolerance ± 1 % | | |
| 22000 | 10 × 10 × 13 | B31531-B5223-F5 | 55 | 250 | 2,44 | 1,97 | 1,74 | |
| 33000 | 10 × 10 × 13 | B31531-B5333-F5 | 50 | 250 | 2,44 | 1,97 | 1,74 | |
| 63 Vdc | | | Lead spacing [e] = 10 mm, r = 14,1 mm | | | Capacitance tolerance ± 1 % | | |
| 47000 | 12,5 × 12,5 × 13 | B31531-B5473-F5 | 50 | 250 | 2,60 | 2,11 | 1,86 | |
| 56000 | 12,5 × 12,5 × 13 | B31531-B5563-F5 | 50 | 250 | 2,60 | 2,11 | 1,86 | |

