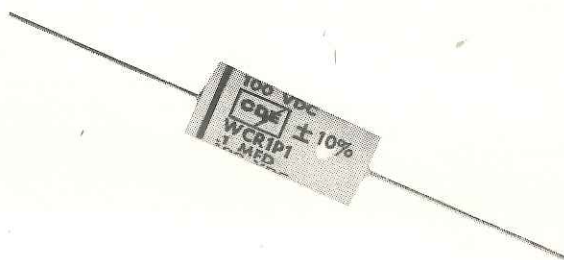


POLYCARBONATE, TUBULAR STYLE

The wrapped polycarbonate film capacitor offers characteristics similar to polystyrene at considerably lower cost. The type WCR has a high operating temperature range from -55°C to +85°C without derating and to +125°C with 50% voltage derating—overcoming one of the limitations of polystyrene units. The WCR provides excellent capacitance stability. Measured at 1000 Hz, the average capacitance change is within -1%: -2% of the 25°C value throughout the temperature range of -55°C to +125°C.



TINNED COPPER CLAD STEEL LEADS

WIRE SIZES FOR CASE DIAMETERS:

- #24 AWG up to .282 (7.16 mm) diameter
- #22 AWG .283 (7.19 mm) to .532 (13.51 mm)
- #20 AWG .533 (13.54 mm) to .687 (17.45 mm)
- #18 AWG .688 (17.48 mm) diameter and over.

Standard Stock Ratings

CAP. MFD.	TYPE WCR-	D x L SIZE		TYPE WCR-	D x L SIZE		TYPE WCR-	D x L SIZE	
		Inches	(mm)		Inches	(mm)		Inches	(mm)
		*50V DCW			100V DCW			200V DCW	
.001	—	—	—	1D1	.232 x 1.000	5.89 x 25.40	—	—	—
.0022	—	—	—	1D22	.252 x 1.000	6.40 x 25.40	—	—	—
.0047	—	—	—	1D47	.322 x 1.000	8.18 x 25.40	—	—	—
.01	05S1	.197 x .687	5.00 x 17.45	1S1	.267 x .812	6.78 x 20.62	—	—	—
.022	05S22	.242 x .687	6.15 x 17.45	1S22	.327 x .812	8.31 x 20.62	2S22	.417 x 1.000	10.59 x 25.40
.033	05S33	.277 x .687	7.04 x 17.45	—	—	—	—	—	—
.047	05S47	.317 x .687	8.05 x 17.45	1S47	.427 x .812	10.85 x 20.62	2S47	.437 x 1.375	11.10 x 34.93
.068	05S68	.317 x .812	8.05 x 20.62	—	—	—	—	—	—
.1	05P1	.387 x .812	9.83 x 20.62	1P1	.482 x 1.062	12.24 x 26.97	2P1	.647 x 1.375	16.43 x 34.93
.15	05P15	.427 x .812	10.85 x 20.62	1P15	.607 x 1.062	15.42 x 26.97	—	—	—
.22	05P22	.462 x .937	11.73 x 23.80	—	—	—	—	—	—
.47	—	—	—	1P47	.797 x 1.687	20.24 x 42.85	—	—	—
1.0	05W1	.687 x 1.562	17.45 x 39.67	—	—	—	—	—	—
2.0	05W2	.837 x 1.812	21.26 x 46.02	—	—	—	—	—	—

†Order by complete type number; e.g. WCR1D22.

CAPACITANCE TOLERANCE: ±10%.

*All 50 volt units are stocked in ±5% and ±10% tolerance.

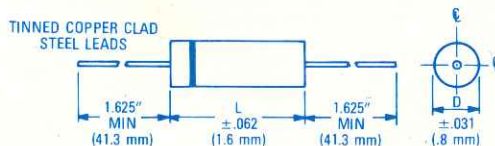
For ±5% tolerance 50 volt units, complete type number WCR05S1 and specify tolerance. Add -5 to complete part number.

AC LINE-BY-PASS CAPACITORS ANTENNA COUPLING CAPACITORS ACROSS-THE-LINE CAPACITORS

Type ST and ULC capacitors are listed by Underwriters' Laboratories Inc. as recognized components for radio and television receiving appliances and accessories (File No. E31337). These capacitors are enclosed in a non-combustible steatite case with flame-retardant epoxy end-seals.

The type ST capacitor is listed for A.C. line-by-pass and antenna coupling applications. It may be operated at full rated voltage from -55°C. to +85°C.

The type ULC capacitor is listed for across-the-line applications. It may be operated at full rated voltage from -55°C. to +85°C. and derated linearly to 50% at +125°C.



Standard Stock Ratings

CAP. MFD.	VOLTAGE RATING		CDE TYPE NO.	CASE SIZE — D x L		WIRE SIZE
	AC	DC		Inches	(Millimeters)	
.047	125	600	ST6S47	.50 x 1.50	12.7 x 38.1	#20
.1	125	600	ST6P1	.6875 x 1.875	17.4 x 47.6	#18
.01	250	1000	ULC10S1	.3750 x .875	9.5 x 22.2	#22
.022	250	1000	ULC10S22	.4375 x 1.125	11.1 x 28.6	#22
.047	250	1000	ULC10S47	.50 x 1.625	12.7 x 41.3	#20

CAPACITANCE TOLERANCE: ±10%