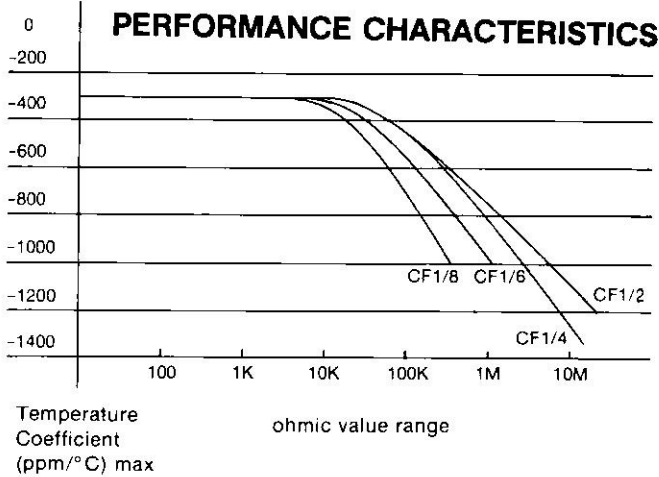
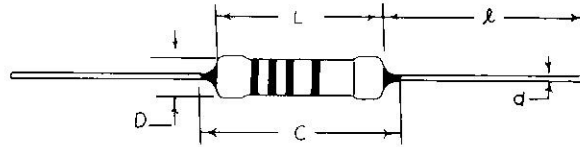


**GENERAL PURPOSE  
FIXED CARBON FILM RESISTOR**



Short-time Overload	± (0.3% + 0.05Ω)
Effects of Solder	± (0.5% + 0.05Ω)
Moisture Resistance	± 1.5%
Load Life	± 1.5%
Failure Rate	<10 <sup>-5</sup> /1000 hrs.
Temperature Cycling	± (0.5% + 0.05Ω)
Vibration	± (0.3% + 0.05Ω)
Current Noise	0.1 — 1.0 μv/v
Voltage Coefficient	<15 ppm/v

ASJ#	WATTAGE	L in. mm	C in. mm	D in. mm	ℓ in. mm	d in. mm
CF 1/8	1/8	0.146 ± 0.016 3.7 ± 0.4	0.16 max 4.1 max	0.063 ± 0.008 1.6 + 0.2	1.18 ± 0.12 30.0 ± 3.0	0.016 ± 0.002 0.4 ± 0.05
CF 1/6	1/6	0.138 + 0.004 - 0.008 3.0 + 0.1 - 0.2	0.142 max 3.5 max	0.067 + 0.008 - 0.004 1.7 + 0.2 - 0.1	1.18 ± 0.12 30.0 ± 3.0	0.02 ± 0.002 0.5 ± 0.05
CF 1/4	1/4	0.25 ± 0.020 6.35 ± 0.51	0.300 max 7.62 max	0.095 ± 0.005 2.41 ± 0.13	1.18 ± 0.12 30.0 ± 3.0	0.024 ± 0.002 0.6 ± 0.05
CF1/2	1/2	0.34 ± 0.02 8.51 ± 0.51	0.370 max 9.52 max	0.119 ± 0.12 3.00 ± 0.30	1.18 ± 0.12 30.0 ± 3.0	0.028 ± 0.002 0.7 ± 0.05

ASJ#	MAX. WORKING VOLTAGE	RESISTANCE RANGE (E - 24)		WATTAGE RATING AT	OPERATING TEMP. RANGE	ZERO DERATING AT	HOT SPOT
		2% TOLERANCE	5% TOLERANCE				
CF 1/8	150	10Ω — 220KΩ	2.2Ω — 1.0MΩ	70°C	-55°C to +155°C	+155°C	20°C
CF 1/6	250	10Ω — 1MΩ	1Ω — 22MΩ / <.02Ω	70°C	-55°C to +155°C	+155°C	25°C
CF 1/4	250	10Ω — 1.0MΩ	1Ω — 22MΩ / <.02Ω	70°C	-55°C to +155°C	+155°C	30°C
CF 1/2	350	10Ω — 1.0MΩ	1.0Ω — 22MΩ	70°C	-55°C to +155°C	+155°C	40°C

**ORDERING INFORMATION**

CFX	XX	XXXX	XXX
STYLE	TOLERANCE	RES. VALUE	PACKAGING

PACKAGING: AMMO = A  
TAPE AND REEL = TR  
BULK = B