



### FEATURES

- RESISTORS AND CAPACITORS ON A SINGLE CHIP
- SURFACE MOUNT SOIC/SSOP/TSSOP PACKAGE
- CUSTOM RESISTORS & CAPACITORS AVAILABLE
- ESD PROTECTION IN EXCESS OF 3000 VOLTS

### APPLICATIONS

- LOW PASS FILTER
- EMI/RFI REDUCTION
- POWER SUPPLY FILTER

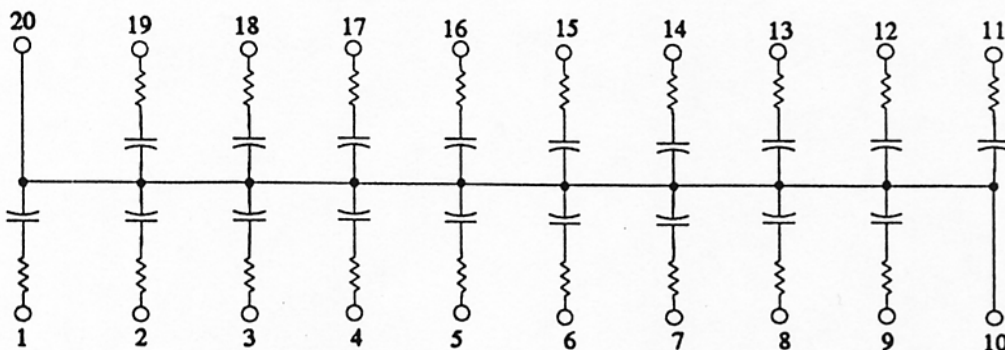
### ELECTRICAL CHARACTERISTICS

RESISTOR	33 $\Omega$
RESISTOR TOLERANCE	+/-10%
CAPACITOR	
CAPACITANCE	120 pf
TOLERANCE @ 1MHz & 1VRMS over 10°C TO 60°C	+/-30%
Breakdown Voltage	100 Volts

### MECHANICAL CHARACTERISTICS

LEAD PLATING	TIN - LEAD
LEAD MATERIAL	COPPER ALLOY
LEAD COPLANARITY	0.012 mm
SUBSTRATE MATERIAL	SILICON
BODY MATERIAL	MOLDED EPOXY

### RC SCHEMATIC



Note : Pins 10 & 20 are connected to system ground

ALL MEASUREMENTS DEFINED AT 25°C  
PATENT PENDING