

PRECISION WIREWOUND RESISTORS AXIAL AND RADIAL LEADED

AX175, PC175, PX175, AX250, PC250, PX250

A RANGE OF RESISTORS ALL WITH 6.4mm DIAMETER BODY,
GOOD LONG-TERM STABILITY, LOW TEMPERATURE COEFFICIENT OF RESISTANCE

TYPE	DIMENSIONS (mm)		BEST TOLERANCE	OHMIC RANGE	MAXIMUM BODY TEMP	TEMP RISE	VOLTAGE RATING @ 70°C
	BODY	LEADS					
AX175	9.6 x ø6.4	38 x ø0.5	±0.1%	R50 - 650K	+135°C	0.14°C/mW	250V dc
PC175			±0.05%	10R - 650K			
PX175			±0.02%	50R - 650K			
			±0.01%	80R - 650K			
			±0.005%	500R - 650K			
AX250	15 x ø6.4	38 x ø0.5	±0.1%	R50 - 1M3	+135°C	0.12°C/mW	400V dc
PC250			±0.05%	5R0 - 1M3			
PX250			±0.02%	10R - 1M3			
			±0.01%	50R - 1M3			
			±0.005%	500R - 1M3			

AX175, PC175, PX175

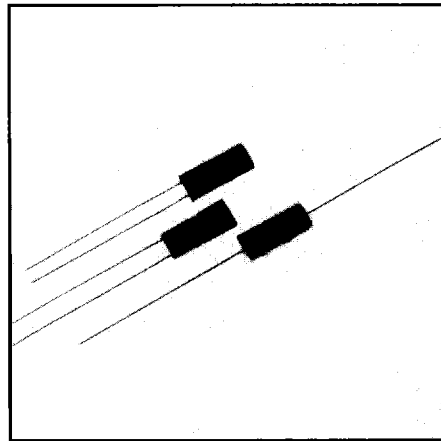
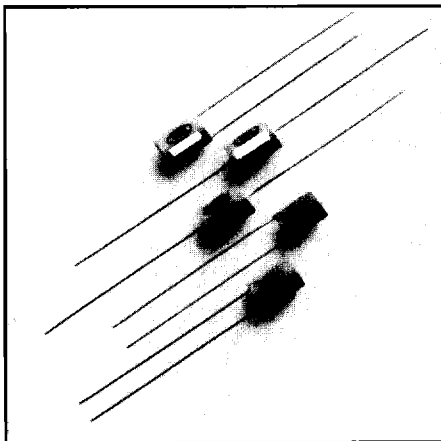
AX250, PC250, PX250

LONG TERM DRIFT
RECOMMENDED POWER At +20°C
MAXIMUM POWER At +20°C
THERMAL EMF

TEMPERATURE COEFFICIENT Standard:
OF RESISTANCE Suffix B:
Suffix C:

<±0.002%/2000 hours
350mW (At +70°C 200mW)
800mW (At +70°C 450mW)
<0.5µV/°C: Above 500R
<1.8µV/°C: Below 500R
<±10ppm/°C
<±5ppm/°C: Above 5R0
<±3ppm/°C: Above 10R

<±0.002%/2000 hours
500mW (At +70°C 300mW)
1W (At +70°C 550mW)
<0.5µV/°C: Above 1K0
<1.8µV/°C: Below 1K0
<±10ppm/°C
<±5ppm/°C: Above 5R0
<±3ppm/°C: Above 10R



Notes:
For low inductance specify Suffix T
PC Lead Spacing: 5.08mm
PX Lead Spacing: 3.81mm

Ordering Example

Type
PC175

TCR
/C

Low Inductance
/T

Value
36K5

Tolerance
±0.1%