

Cement Fixed Resistors:

Performance Specifications

Temperature coefficient	< 20Ω: ± 400PPM/°C; ≥ 20Ω: ± 350PPM/°C
Short-time overload	ΔR/R ≤ ±(5%+0.05Ω), with no evidence of mechanical damage.
Dielectric withstanding voltage	No evidence of flashover, mechanical damage, arcing or insulation breakdown.
Terminal strength	No evidence of mechanical damage.
Resistance to soldering heat	ΔR/R ≤ ±(1%+0.05Ω), with no evidence of mechanical damage.
Solderability	Min. 95% coverage.
Temperature cycling	ΔR/R ≤ ±(2%+0.05Ω), with no evidence of mechanical damage.
Humidity (Steady state)	ΔR/R ≤ ±(5%+0.05Ω), with no evidence of mechanical damage.
Load life in humidity	For Wire wound range, the ΔR/R is ±5%; For Power film range <100KΩ, the ΔR/R is ±5%; For Power film range ≥100KΩ, the ΔR/R is ±10%.
Load life	For Wire wound range, the ΔR/R is ±5%; For Power film range <100KΩ, the ΔR/R is ±5%; For Power film range ≥100KΩ, the ΔR/R is ±10%.

Ordering Procedure (Example: PRW 5W 5% 100Ω, B/B)

P R W 0 5 W J P 1 0 1 B 0 0

Product Type:

PRW0 = PRW
 PRWA = PRWA
 PRWC = PRWC
 PRM0 = PRM
 PRMA = PRMA
 PRMB = PRMB
 PRS0 = PRS
 PRVA = PRVA
 PRVB = PRVB
 PZ1A = PRZA - 1
 PZ2A = PRZA - 2
 PRZC = PRZC
 PZ1C = PRZC - 1
 PRZD = PRZD
 PRT0 = PRT
 PRU0 = PRU
 PR1U = PRU - 1
 PF3A = FTR 3A
 PF3B = FTR 3B
 PF5A = FTR 5A
 PF5B = FTR 5B
 PF7A = FTR 7A
 PF7B = FTR 7B
 PFAC = FTR 10C
 PHF0 = PHF

Wattage: .

2W = 2W
 3W = 3W
 5W = 5W
 7W = 7W
 AW = 10W
 FW = 15W
 20 = 20W
 25 = 25W
 30 = 30W
 40 = 40W

Resistance Value:

E-24 series:
 The 1st digit to denote production type of the product:
 W=Wire-wound type.
 P=Power film type.
 The 2nd & 3rd digits are for the significant figures of the resistance and the 4th digit indicate the numbers of zeros following

Tolerance: J = ± 5%, K = 10%

Additional Information:

0 = Standard product , 1 = Non-Inductive

Packing Quantity: 0 = for Bulk/Box packing

Packing Type: B = Bulk/Box Only