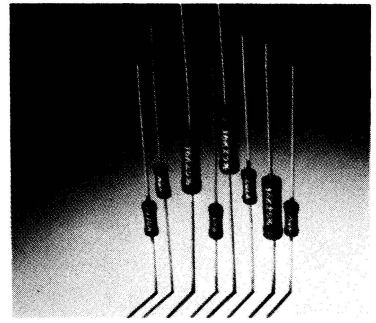


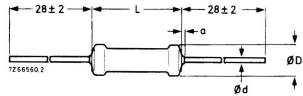
# metal film-power

PR37 PR52



|   |                           |               |
|---|---------------------------|---------------|
| Resistance range, PR37                        | 10 Ω to 10 kΩ, E24 series |               |
| PR52  | 10 Ω to 27 kΩ, E24 series |               |
| Resistance tolerance                          | ± 5%                      |               |
| Max body temperature (hot spot)               | 300 °C                    |               |
| Rated dissipation at T <sub>amb</sub> = 70 °C | PR37 1,6 W                |               |
|   | PR52 2,5 W                |               |
| Basic specification                           | MIL-R-11804/2B, char. G   |               |
| Climatic category (IEC 68)                    | 55/200/56                 |               |
| Stability after:<br>1000 h max load           | requirement               | typical value |
|   | ΔR ≤ 5%                   | ΔR 2,5%       |

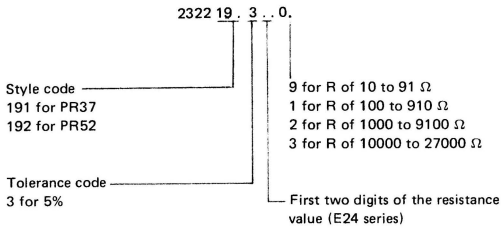
| style | L <sub>max</sub> | D <sub>max</sub> | a <sub>max</sub> | d <sub>max</sub> |
|-------|------------------|------------------|------------------|------------------|
| PR37  | 10,0             | 3,7              | 1                | 0,6              |
| PR52  | 16,7             | 5,2              | 1,2              | 0,6              |



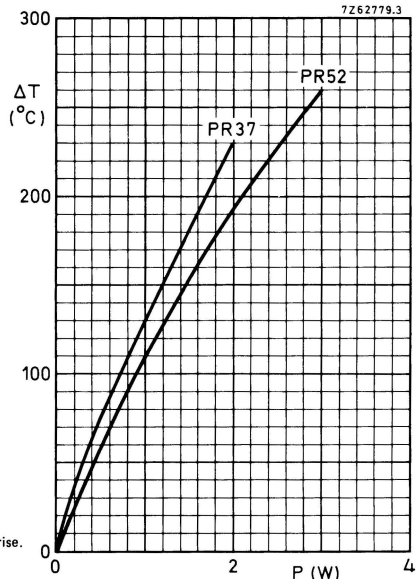
### Marking

Each resistor is marked with:  
 resistance value (R for Ω, K for kΩ)  
 tolerance on resistance  
 e.g. for 27 Ω: 27 R ± 5%  
 for 3,9 kΩ: 3K9 ± 5%

### Composition of the catalogue no.



Example:  
 PR52, 240 Ω, 5%  
 catalogue no. 2322 192 32401



ΔT = hot-spot temperature rise.