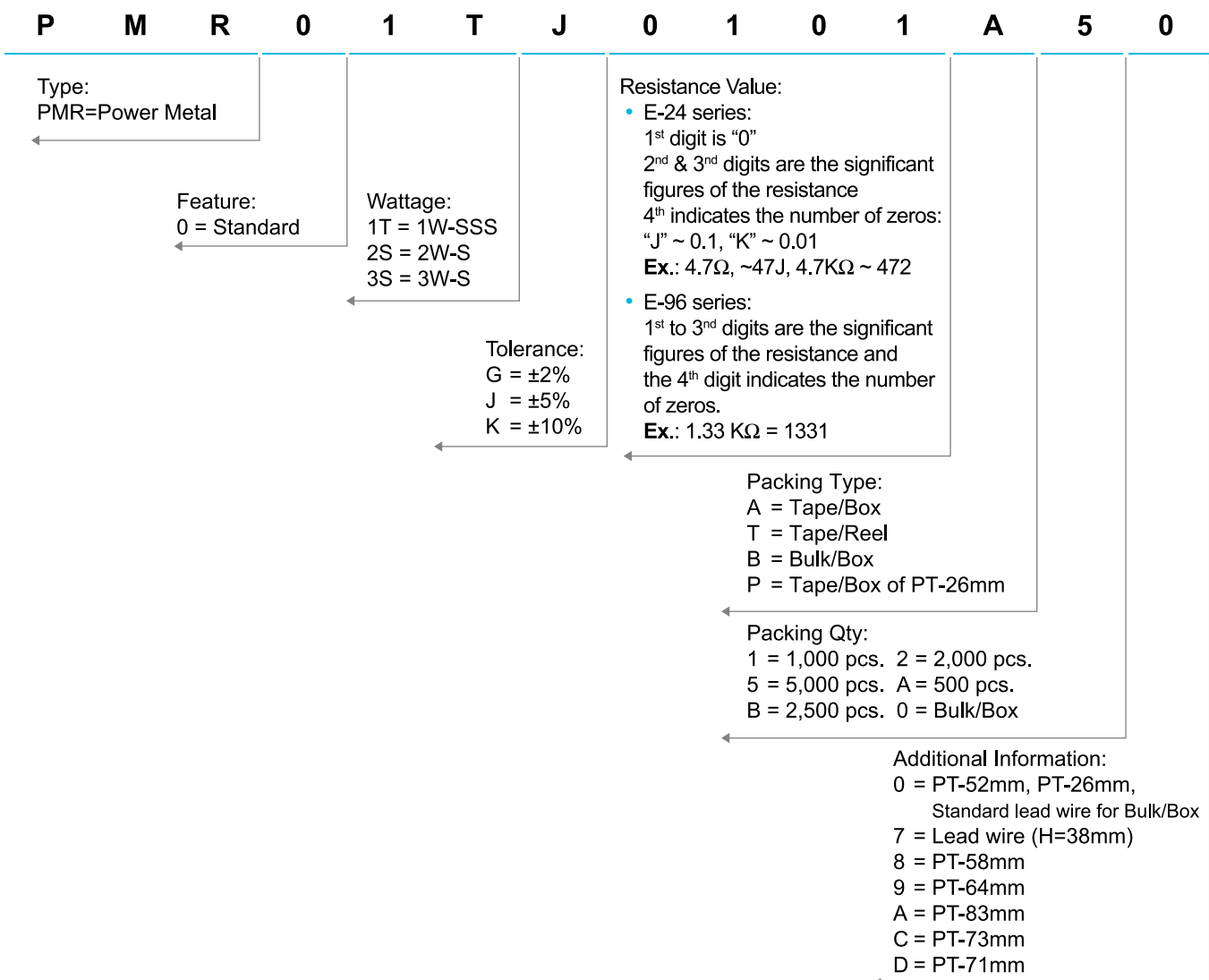


Power Metal Fixed Resistors

Performance Specification

| | |
|---------------------------------|---|
| Short Time Overload | $\pm(2.0\% + 0.05\Omega)\text{Max}$, with no evidence of mechanical damage. |
| Dielectric Withstanding Voltage | No evidence of flashover, mechanical damage, arcing or insulation breakdown. |
| Pulse Overload | $\pm(5.0\% + 0.05\Omega)\text{Max}$, with no evidence of mechanical damage. |
| Terminal Strength | No evidence of mechanical damage. |
| Resistance to Soldering Heat | $\pm(1.0\% + 0.05\Omega)\text{Max}$, with no evidence of mechanical damage. |
| Solderability | Min. 95% coverage. |
| Resistance to Solvent | No deterioration of protective coating and markings. |
| Temperature Cycling | $\pm(2.0\% + 0.05\Omega)\text{Max}$, with no evidence of mechanical damage. |
| Humidity (Steady state) | $\pm(2.0\% + 0.05\Omega)\text{Max}$, with no evidence of mechanical damage. |
| Load Life In Humidity | <100K Ω : $\pm(5.0\% + 0.05\Omega)\text{Max}$ $\geq 100\text{K}\Omega$: $\pm(10.0\% + 0.05\Omega)\text{Max}$ |
| Load Life | <100K Ω : $\pm(5.0\% + 0.05\Omega)\text{Max}$ $\geq 100\text{K}\Omega$: $\pm(10.0\% + 0.05\Omega)\text{Max}$ |

Ordering Procedure: Ex.: PMR 1W-SSS +/-5% 100 Ω , T/B-1000



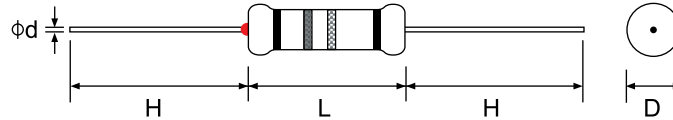
Power Metal Fixed Resistors

Features

- High Power, small in dimension
- Stable performance against environment conditions
- Define interruption behavior
- Application: All general purpose power application



Standard : 2% ,5% ,10% -- E-24 series



| Part No. | Style | Power Rating at 70°C | Dimension (mm) | | | | | Max Working Voltage | Max Overload Voltage | Dielectric Withstanding Voltage | Resistance Range | TCR (PPM/C) | Std Packing Qty |
|----------|-------------|----------------------|----------------|-------|-----|--------|----|---------------------|----------------------|---------------------------------|------------------|-------------|-----------------|
| | | | D Max | L Max | H±3 | d±0.05 | PT | | | | | | |
| PMR01T | PMR 1W -SSS | R<1Ω(0.6W) | 2.5 | 6.5 | 25 | 0.54 | 52 | 350V | 400V | 350V | 0.56Ω~100KΩ | ±350 | 5,000 |
| | | R≥1Ω(1W) | | | | | | | | | 101KΩ~470KΩ | ±400 | |
| | | | | | | | | | | | 471KΩ~1MΩ | ±800 | |
| PMR02S | PMR 2W-S | 2W | 4.0 | 11.0 | 25 | 0.75 | 52 | 500V | 600V | 350V | 3.9Ω~100KΩ | ±350 | 1,000 |
| | | | | | | | | | | | 101KΩ~680KΩ | ±400 | |
| PMR03S | PMR 3W-S | 3W | 5.5 | 16.0 | 25 | 0.75 | 64 | 750V | 800V | 350V | 12Ω~100KΩ | ±350 | 1,000 |
| | | | | | | | | | | | 101KΩ~180KΩ | ±400 | |

