### Copper Alloy
#### Straight Thin Type
#### SO#50SP2

**RoHS**

**Materials**
- Base: Copper alloy (SO-2)
- Solid lubricant (GR-1)

#### Sliding Direction & Mating Post Tolerance

- **Operation Conditions**
  - Can be used in the atmosphere and fresh water (condition).
  - Good performance in operation under high load and at low speed.

- **Operation Temperature**
  - 150˚C or less

#### Operation Range (SO#50SP2)

- **Lubrication Type**
  - No lubrication
  - Regular lubrication (Grease)

- **Environment Condition**
  - Atmosphere

- **Max. Allowable Load**
  - \( P \) (N/mm²)
  - \( PV \) (N/mm² m/min)

- **Max. Allowable Speed**
  - \( V \) (m/min)

- **Sliding Speed**
  - \( S \) (m/min)

#### Physical Properties (SO#50SP2)

- **Specific Gravity**
  - 7.9
- **Hardness**
  - HB
- **Elongation**
  - %
- **Tensile Strength**
  - N/mm²
- **Linear Expansion Coefficient**
  - \( \times 10^{-5} / {\degree}C \)

#### Catalog No.

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#### Special Order Products

- Available in limited quantities.
- Contact your sales representative.

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