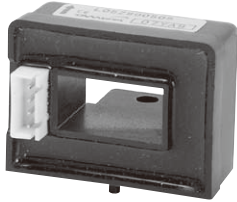


磁気比例式 貫通型
Magnetic Proportion System / Through Type

L05Z SERIES



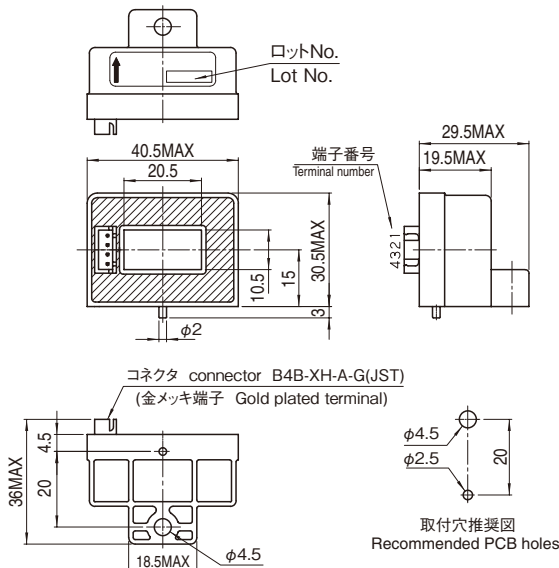
RoHS指令
適合品

仕様 SPECIFICATIONS

Ta=25°C, RL=10kΩ, Vcc=+15V

| カタログ品番 Types | | L05Z800S15 |
|---|--------|---|
| 項目 Spec | | |
| 定格電流 Primary nominal current | If | 800AT |
| 飽和電流 Saturation current | If max | ≥±900AT |
| 定格出力電圧 Rated output voltage | Vo | 11V±0.11V (at If) |
| オフセット電圧 Offset voltage | Vof | +7V±50mV (If = 0A) |
| 出力直線性 Output linearity (0A~If) | εL | ±1% (at If) |
| 電源電圧 Power supply voltage | Vcc | +15V±5% |
| 消費電流 Consumption current | Icc | ≤20mA |
| di/dt 応答速度 Response time | tr | ≤10μs (at di/dt = 100A / μs) |
| 出力電圧温度特性 Thermal drift of gain | TcVo | ±0.1% / °C (Without Tc Vof) |
| オフセット電圧温度特性 Thermal drift of offset | TcVof | ±1.0mV / °C |
| ヒステリシス誤差 Hysteresis error | VoH | ≤20mV (at If = 0A → If → 0A) |
| 絶縁耐圧 Insulation voltage | Vd | AC2500V、1分間(感応電流 0.5mA)、貫通部内側⇄端子一括間 AC2500V for 1 minute (Sensing current 0.5mA) inside of through hole ⇄ terminal |
| 絶縁抵抗 Insulation resistance | Ris | ≥500MΩ (at DC500V) 貫通部内側⇄端子一括間 inside of through hole ⇄ terminal |
| 動作温度範囲 Ambient Operating temperature | TA | -40°C~+85°C |
| 保存温度範囲 Ambient storage temperature | TS | -40°C~+85°C |

外形図 DIMENSIONS (mm)



- 端子番号
Terminal number
1. +Vcc
 2. GND
 3. OUT
 4. GND

- 注
1. 指示なき寸法公差は±0.5mm
 2. 質量 50±5g

- Note
1. Unless otherwise specified, tolerances shall be ±0.5mm
 2. Mass is 50±5g.

取付穴推奨図
Recommended PCB holes