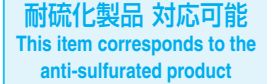
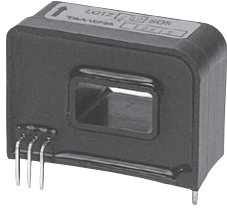


磁気比例式 貫通型
Magnetic Proportion System / Through Type

L01Z SERIES



仕様 SPECIFICATIONS

Ta=25°C, RL=10kΩ, Vcc=+5V

カタログ品番 Types		L01Z050S05	L01Z100S05	L01Z150S05	L01Z200S05	L01Z300S05	L01Z400S05	L01Z500S05	L01Z600S05
項目 Spec									
定格電流 Primary nominal current	If	50AT	100AT	150AT	200AT	300AT	400AT	500AT	600AT
飽和電流 Saturation current	If max	If×1.25							
定格出力電圧 Rated output voltage	Vo	Vref+1.5V±0.045V (at If)	Vref+1.5V±0.035V (at If)						
飽和出力電圧 Saturation offset voltage	Vo max	≤0.5V, ≤4.5V							
オフセット電圧 Offset voltage	Vof	Vref±35mV (at If = 0A)	Vref±30mV (at If = 0A)						
出力直線性 Output linearity (0A-If)	εL	≤±1% (at If)							
電源電圧 Power supply voltage	Vcc	+5V±2%							
消費電流 Consumption current	Icc	≤15mA							
di/dt 応答速度 Response time	tr	≤10μs (di/dt = 100A / μs)							
出力電圧温度特性 Thermal drift of gain	TcVo	≤±2mV / °C (Without Tc Vof)	≤±1.5mV / °C (Without Tc Vof)						
オフセット電圧温度特性 Thermal drift of offset	TcVof	≤±2mV / °C	≤±1mV / °C						
ヒステリシス誤差 Hysteresis error	VoH	≤8mV (at If = 0A → If → 0A)			≤4mV (at If = 0A → If → 0A)		≤6mV (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	-10°C~+80°C							
保存温度範囲 Ambient storage temperature	Ts	-15°C~+85°C							

注1 Note : Vref=Vcc/2

外形図 DIMENSIONS (mm)

