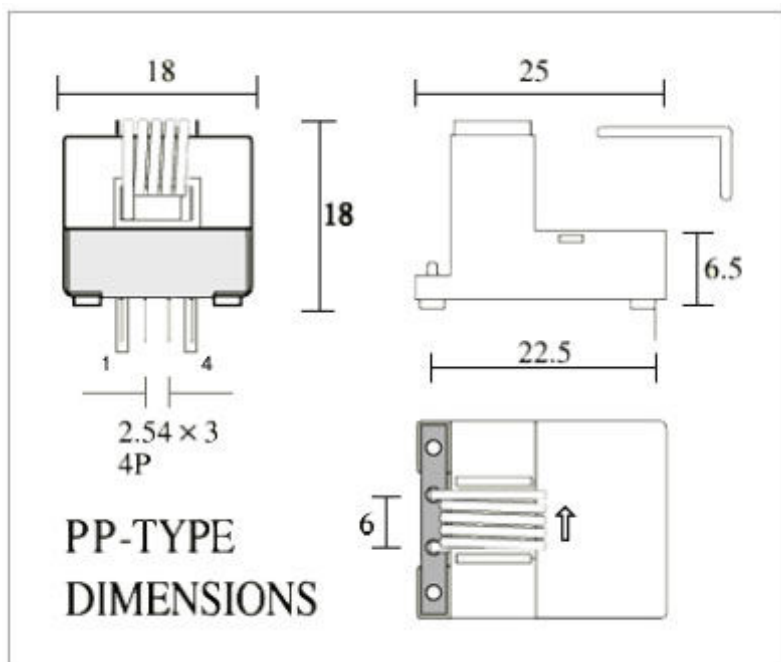


■ PRODUCT CHARACTER


To be inserted in PCB and suitable for measuring of small to medium current
Suitable for mass production system of devices Outstanding quality in comparison to the economic price level

■ DIMENSIONS

■ PP1A-TYPE STANDARD SPEC (1)

[Ta=25℃,RL=10KΩ]

Type-code		PP1A02-12	PP1A03-12	PP1A04-12	PP1A05-12	PP1A08-12	PP1A10-12
Parameter	Symbol						
Rated Current (F.S.)	If	02A	03A	04A	05A	08A	10A
Linear Range		04A	06A	08A	10A	16A	20A
Diameter of Primary Conductor		0.5mm	0.5mm	0.8mm	0.8mm	1.1mm	1.1mm
Output Voltage	Vh	±4V ±1% at If					
Zero Current Offset	Vo	Within ±20mV at If = 0					
Linearity of Output	ρ	Within ±1.0% of Vh at If : F.S.					
Supply Voltage	Vc	±12V ±5%					
Response Time		3μsec Max. at di/dt = F.S./μsec					
Frequency Range	f	DC ~ AC50KHz and 100KHz Max.					
Output Voltage Temperature Coef.		Within ±0.1% / °C Max.					
Zero Offset Voltage Temperature Coef.		Within ±1.0mV / °C Max.					
Dielectric Strength		2.0KV AC with 60Hz × 1minute 관통부 내측-신호핀 간					
Insulation Resistance		500[MΩ]Min. at 500V DC 관통부 내측-신호핀 간					
Operating Temp.	Ta	-10 ~ +80℃					
Storage Temp.	Ts	-25 ~ +85℃					
Note		PP1A PINOUT - (1)+12[V] (2)0[V] (3)-12[V] (4)OUT CONNECTOR : 2.54mm 4P St. PIN					

■ PP1A-TYPE STANDARD SPEC (2)

[Ta=25℃,RL=10KΩ]

Type-code		PP1A12-12	PP1A15-12	PP1A20-12	PP1A25-12	PP1A30-12	PP1A40-12
Parameter	Symbol						
Rated Current (F.S.)	If	12A	15A	20A	25A	30A	40A
Linear Range		24A	30A	30A	50A	60A	80A
Diameter of Primary Conductor		1.1mm	1.6mm	1.6mm	-	-	-
Output Voltage	Vh	±4V ±1% at If					
Zero Current Offset	Vo	Within ±20mV at If = 0					
Linearity of Output	ρ	Within ±1.0% of Vh at If : F.S.					
Supply Voltage	Vc	±12V ±5%					
Response Time		3μsec Max. at di/dt = F.S./μsec					
Frequency Range	f	DC ~ AC50KHz and 100KHz Max.					
Output Voltage Temperature Coef.		Within ±0.1% / °C Max.					
Zero Offset Voltage Temperature Coef.		Within ±1.0mV / °C Max.					
Dielectric Strength		2.0KV AC with 60Hz × 1minute 관통부 내측-신호핀 간					
Insulation Resistance		500[MΩ]Min. at 500V DC 관통부 내측-신호핀 간					
Operating Temp.	Ta	-10 ~ +80℃					
Storage Temp.	Ts	-25 ~ +85℃					
Note		PP1A PINOUT - (1) +12[V] (2) 0[V] (3) -12[V] (4) OUT CONNECTOR : 2.54mm 4P St. PIN					

■ PP1S-TYPE STANDARD SPEC (1)

[Ta=25℃,RL=10KΩ]

Type-code		PP1S02-12	PP1S03-12	PP1S04-12	PP1S05-12	PP1S08-12	PP1S10-12
Parameter	Symbol						
Rated Current (F.S.)	If	02A	03A	04A	05A	08A	10A
Linear Range		04A	06A	08A	10A	16A	20A
Diameter of Primary Conductor		0.5mm	0.5mm	0.8mm	0.8mm	1.1mm	1.1mm
Output Voltage	Vh	4V ±1% at If					
Zero Current Offset	Vo	Within 30mV at If = 0					
Linearity of Output	ρ	Within ±1.5% of Vh at If : F.S.					
Supply Voltage	Vc	12V ±5%					
Response Time		15μsec Max. at di/dt = F.S./μsec					
Frequency Range	f	DC ~ AC1kHz and 5kHz Max.					
Output Voltage Temperature Coef.		Within ±0.1% / °C Max.					
Zero Offset Voltage Temperature Coef.		Within ±1.0mV / °C Max.					
Dielectric Strength		2.0KV AC with 60Hz × 1minute 관통부 내측-신호핀 간					
Insulation Resistance		500[MΩ]Min. at 500V DC 관통부 내측-신호핀 간					
Operating Temp.	Ta	-10 ~ +80℃					
Storage Temp.	Ts	-25 ~ +85℃					
Note		PP1A PINOUT - (1) +12[V] (2) 0[V] (3) 0[V] (4) OUT ※ 주의 - 핀 2번과 3번은 접속(Common) CONNECTOR : 2.54mm 4P St. PIN					

■ PP1S-TYPE STANDARD SPEC (2)

[Ta=25℃,RL=10KΩ]

Type-code		PP1S12-12	PP1S15-12	PP1S20-12	PP1S25-12	PP1S30-12	PP1S40-12
Parameter	Symbol						
Rated Current (F.S.)	If	12A	15A	20A	25A	30A	40A
Linear Range		24A	30A	30A	50A	60A	80A
Diameter of Primary Conductor		1.1mm	1.6mm	1.6mm	-	-	-
Output Voltage	Vh	4V ±1% at If					
Zero Current Offset	Vo	Within 30mV at If = 0					
Linearity of Output	ρ	Within ±1.5% of Vh at If : F.S.					
Supply Voltage	Vc	12V ±5%					
Response Time		15μsec Max. at di/dt = F.S./μsec					
Frequency Range	f	DC ~ AC1kHz and 5kHz Max.					
Output Voltage Temperature Coef.		Within ±0.1% / °C Max.					
Zero Offset Voltage Temperature Coef.		Within ±1.0mV / °C Max.					
Dielectric Strength		2.0KV AC with 60Hz × 1minute 관통부 내측-신호핀 간					
Insulation Resistance		500[MΩ]Min. at 500V DC 관통부 내측-신호핀 간					
Operating Temp.	Ta	-10 ~ +80℃					
Storage Temp.	Ts	-25 ~ +85℃					
Note		PP1S PINOUT - (1) +12[V] (2) 0[V] (3) 0[V] (4) OUT ※ 주의 - 핀 2번과 3번은 접속(Common) CONNECTOR : 2.54mm 4P St. PIN					