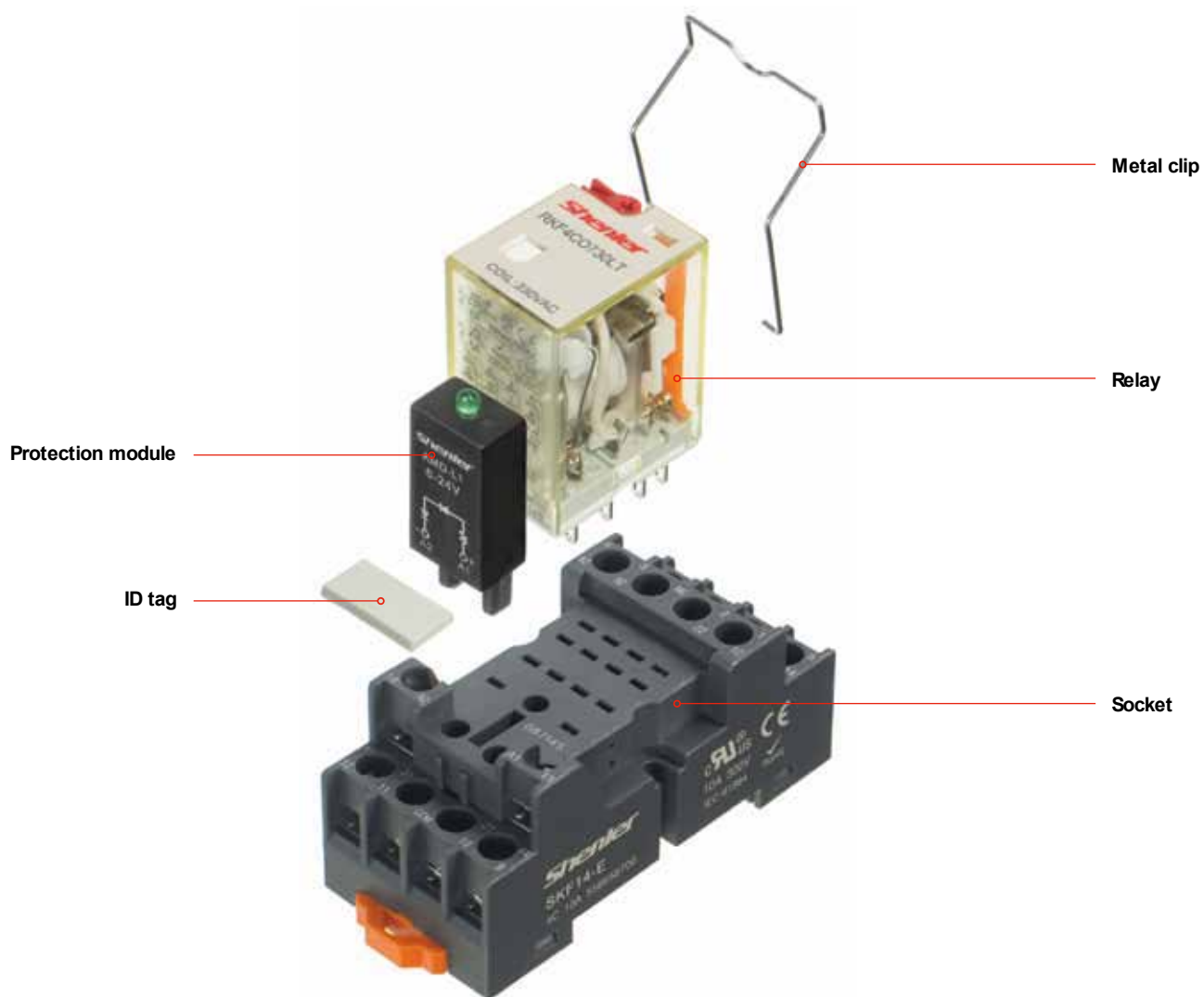






>>> RKF Miniature General Purpose Relay



>>> Socket selection table

			
SKB□□-E	SKC□□-E	SKF14-A	SY□□-P



RKF2CO



RKF4CO



Feature

- > 2 pole 12A; 4 pole 6A
- > Gold plated contact
- > Double side LED integrated in relay
- > Lockable test button and inspection window
- > Identification of coils through test button color (AC red/DC blue)
- > Conformity with RoHs directive

Ordering information

RKF

Contact configuration _____
2, 4 (C: Change over)

Mount Options _____
O: plug in

Coil Voltage _____
006~220: 6~220VDC
506~880: 6~380VAC

Options _____
LT:LED + test button
LTD: LED + test button +diode

Characteristics

Configuration		2C	4C
Contact	Rated current/ rated voltage	AC-1 AC-15	12A/250VAC 30VDC 1/3HP, 120VAC, 1/2HP, 240VAC
	Switching capacity (resistive)		3000VA, 360W
	Initial contact resistance		≤50mΩ
	Material		Ag alloy
	Electrical durability		≥10 ⁵ times (1800 Ops/h)
	Mechanical durability		≥10 ⁷ times (18000 Ops/h)
Pick-up voltage (23°C)		DC: ≤75%, AC: ≤80%	
Drop-out voltage (23°C)		DC: ≥10%, AC: ≥30%	
Maximum voltage (23°C)		110%	
Insulation resistance		≥500mΩ (500VDC)	
Coil operating power	DC(W)	0.9	
	AC(VA)	1.2	
Operate time (at nominal voltage)		≤20 ms	
Release time (at nominal voltage)		≤20 ms	
Initial breakdown voltage	Between open contacts	1000VAC/1min	
	Between poles	2000VAC/1min	
	Between contacts and coil	2000VAC/1min	
Ambient temperature		-55~+70°C	
Humidity		35%~85%RH	
Air pressure		86~106KPa	
Shock resistance		10G	
Vibration resistance		10~55Hz double-amplitude:1.0mm	
Mounting		plug in	
Unit weight		35g	

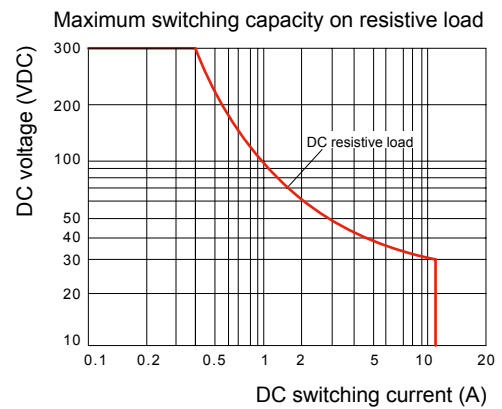
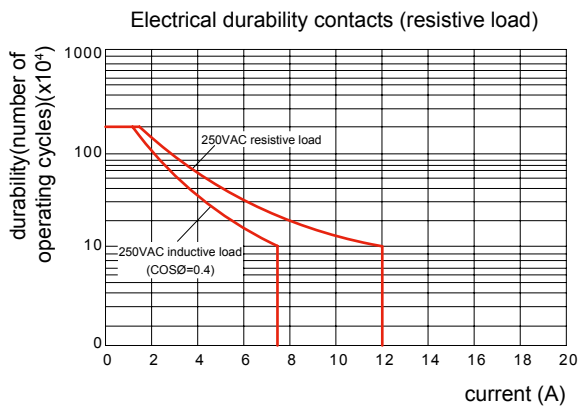
>>> RKF Miniature General Purpose Relay

Coil Specifications (23°C)

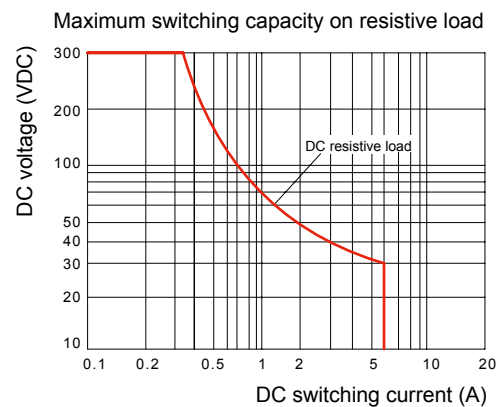
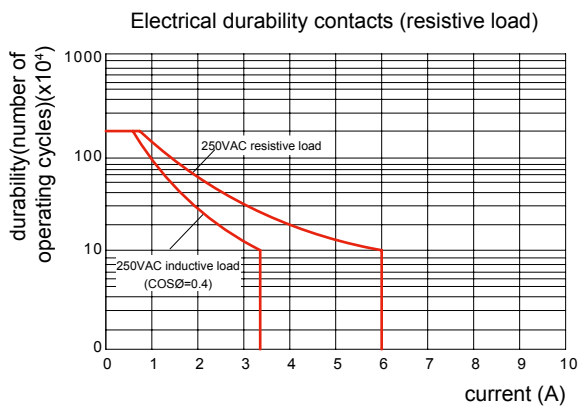
Voltage Code	006	009	012	024	036	048	110	220		
Nominal Voltage V.DC	6	9	12	24	36	48	110	220		
Coil resistance Ω ($\pm 10\%$)	40	90	180	640	1500	2600	13000	42000		
Voltage Code	506	512	524	536	548	615	720	730	740	880
Nominal Voltage V.AC	6	12	24	36	48	115	220	230	240	380
Coil resistance Ω ($\pm 10\%$)	11.5	40	180	370	640	4430	13000	16500	18790	42000

Contact specification

RKF2C

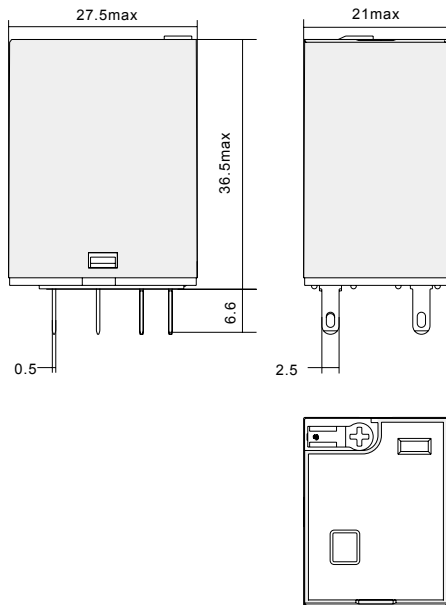


RKF4C

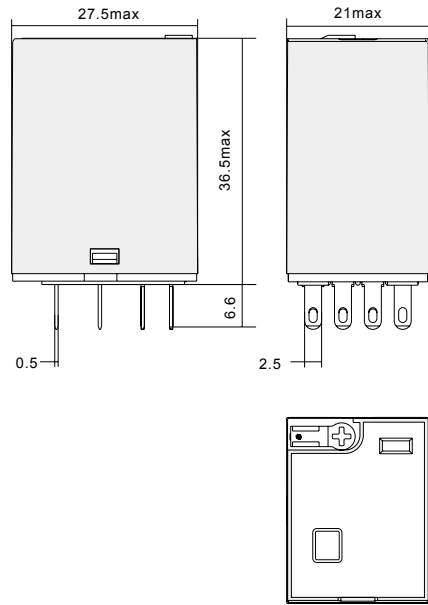


Dimensions (mm)

RKF2CO

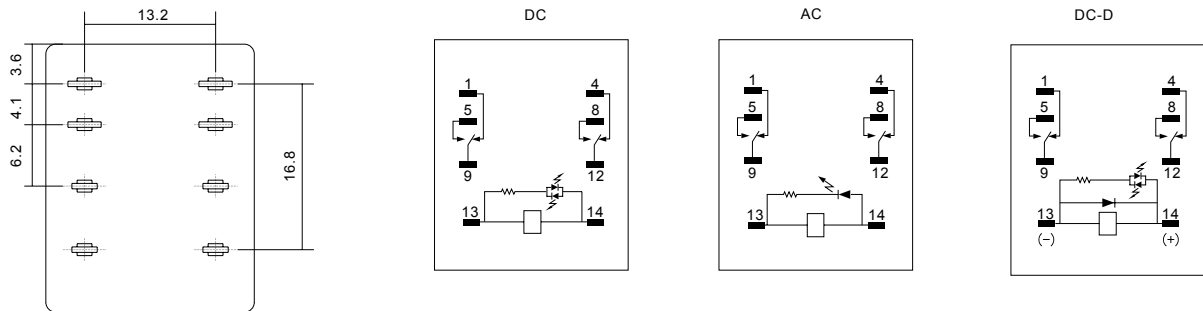


RKF4CO

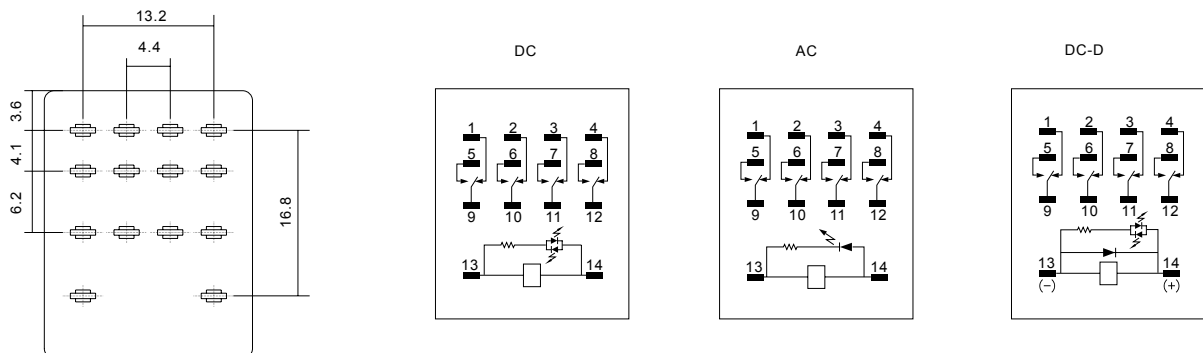


Schemes

RKF2CO



RKF4CO



>>> RKF Miniature General Purpose Relay

RKF Socket

>>> SKF□□-E

Presentation



10/12 AMPS 300 VOLTS



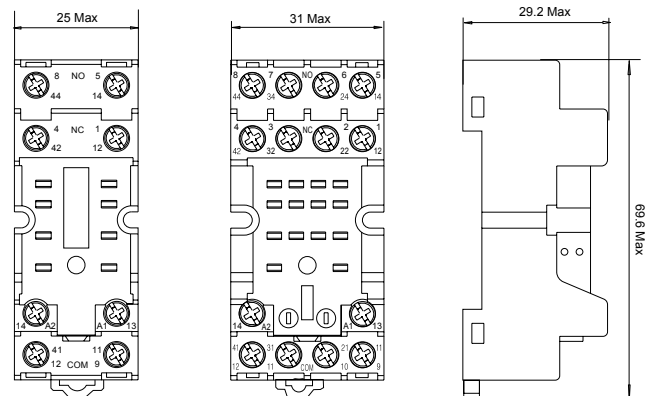
Characteristic

Type			SKF08-E	SKF14-E
Nominal Load	Current	A	12	10
	Voltage	V	300	
Dielectric strength	V/S		2500	
Max. tightening torque	Nm		1	
Wire size	AWG/mm ²		20-14/0.5-2.5	
Ambient temperature	°C		-40~+85	
Unit weight	g		35	45

Relay, accessories selection table

Socket	Plastic clip	Metal clip	ID tag	Module	DIN rail
SKF08-E	-	SK36M	SK2P	-	PFP
SKF14-E	-			AMD	

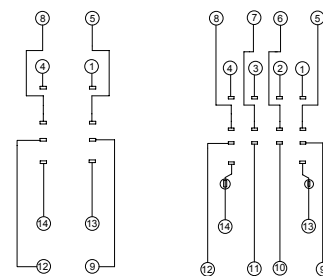
Dimensions (mm)



SKF08-E

SKF14-E

Connection Diagrams



SKF08-E

SKF14-E

>>> SKB□□-E

Presentation



10/12 AMPS 300 VOLTS



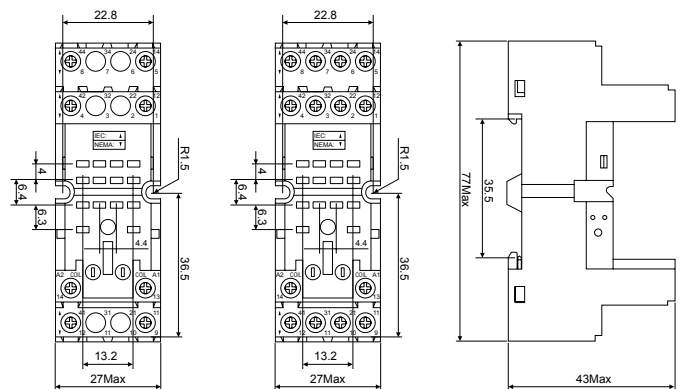
Characteristic

Type			SKB08-E	SKB14-E
Nominal Load	Current	A	12	10
	Voltage	V	300	
Dielectric strength	Between coil and contact	V/S	4000	
	Between contacts	V/S	2500	
Max. tightening torque	Nm		1.0	
Wire size	AWG/mm ²		20-14/0.5-2.5	
Ambient temperature	°C		-40~+85	
Unit weight	g		50	56

Relay, accessories selection table

Socket	Plastic clip	Metal clip	ID tag	Module	DIN rail
SKB08-E	SK36F	SK36M	SK4P	AMD	PFP
SKB14-E					

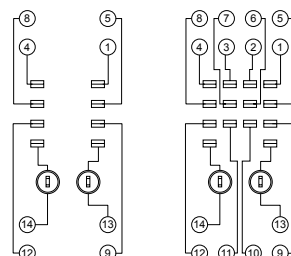
Dimensions (mm)



SKB08-E

SKB14-E

Connection Diagrams



SKB08-E

SKB14-E

RKF Socket

▶▶ **SKC□□-E**

Presentation



10/12 AMPS 300 VOLTS



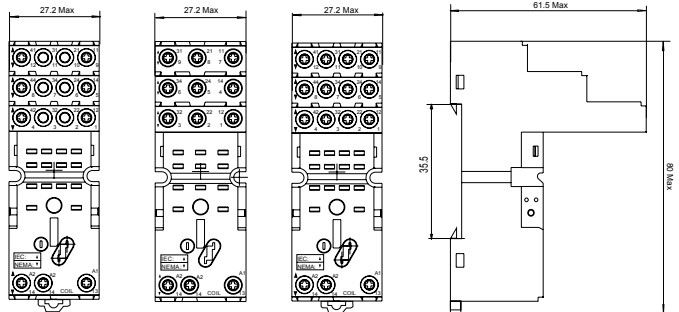
Characteristic

Type			SKC08-E	SKC11-E	SKC14-E
Nominal Load	Current	A	12	10	10
	Voltage	V	300		
Dielectric strength	Between coil and contact	V/S	4000		
	Between contacts	V/S	2500		
Max. tightening torque	Nm	1.0			
Wire size	AWG/mm ²	20-14/0.5-2.5			
Ambient temperature	°C	-40~+85			
Unit weight	g	50	56	62	

Relay, accessories selection table

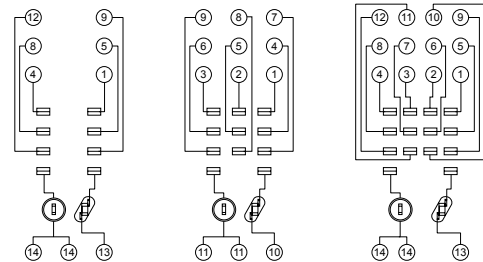
Socket	Plastic clip	Metal clip	ID tag	Module	DIN rail
SKC08-E					
SKC11-E	SK36F	SK36M	SK4P	AMD	PFP
SKC14-E					

Dimensions (mm)



SKC08-E SKC11-E SKC14-E

Connection Diagrams



SKC08-E SKC11-E SKC14-E

▶▶ **SKC08-ES**

Presentation



12 AMPS 300 VOLTS



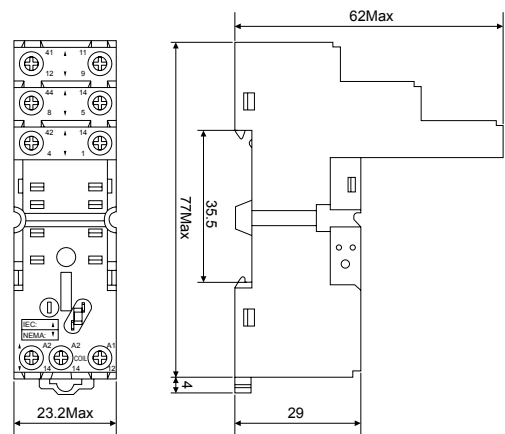
Characteristic

Nominal Load	Current	A	12
	Voltage	V	300
Dielectric strength	Between coil and contact	V/S	4000
	Between contacts	V/S	2500
Max. tightening torque	Nm	1.0	
Wire size	AWG/mm ²	20-14/0.5-2.5	
Ambient temperature	°C	-40~+85	
Unit weight	g	44	

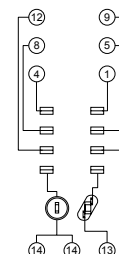
Relay, accessories selection table

Socket	Plastic clip	Metal clip	ID tag	Module	DIN rail
SKC08-ES	SK36N	-	SK4P	AMD	PFP

Dimensions (mm)



Connection Diagrams



>>> RKF Miniature General Purpose Relay

RKF Socket

>>> SKF14-A

Presentation



10 AMPS 300 VOLTS



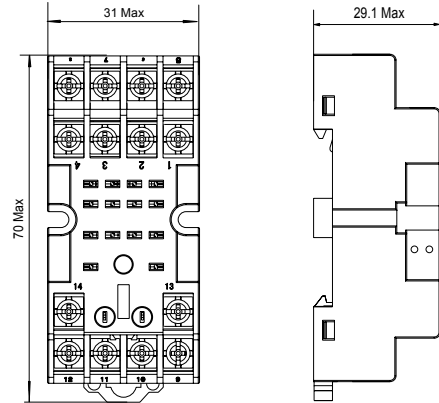
Characteristic

Nominal Load	Current	A	10
	Voltage	V	300
Dielectric strength	V/S		2500
Max. tightening torque	Nm		1.0
Wire size	AWG/mm ²		20-14/0.5-2.5
Ambient temperature	°C		-40~+85
Unit weight	g		42.9

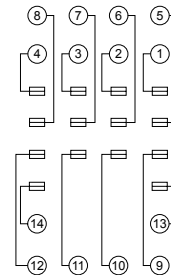
Relay, accessories selection table

Socket	Plastic clip	Metal clip	ID tag	Module	DIN rail
SKF14-A	-	SK36M	SK2P	AMD	PFP

Dimensions (mm)



Connection Diagrams



>>> SY□□-P

Presentation



10/12 AMPS 300 VOLTS



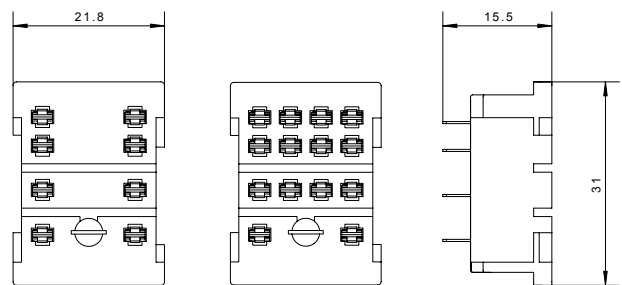
Characteristic

Type			SY08-P	SY14-P
Nominal Load	Current	A	12	10
	Voltage	V	300	
Dielectric strength	V/S		2000	
Ambient temperature	°C		-40~+85	
Unit weight	g		7	7

Relay, accessories selection table

Socket	Plastic clip	Metal clip	ID tag	Module	DIN rail
SY08-P	-	SK36M	-	-	-
SY14-P	-	SK36M	-	-	-

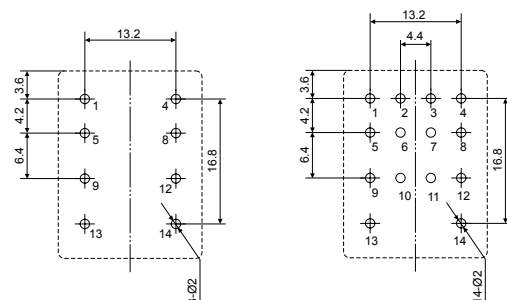
Dimensions (mm)



SY08-P

SY14-P

Connection Diagrams



SY08-P

SY14-P