

CIT Relay & Switch

Sockets

Ordering Information

Series	Type	Mounting Option	Compatible Relay Series
RS1105	Automotive	PC Pin	A1, A1M, PC780, PC782, PC784
RS1200	Automotive	Panel Mount / Wire Assembly	A1, A1M, PC780, PC782, PC784
RS1214	Automotive	Panel Mount / Wire Assembly	A1, A1M, PC780, PC782, PC784
RS1215	Automotive	Panel Mount / Wire Assembly	A1, A1M, PC780, PC782, PC784
RS2105	Automotive	PC Pin	A2, A2H, A2K, A3, A9, PC792A, PC792B, PC792C, PC792E, PC792H, PC798
RS2200	Automotive	Panel Mount / Wire Assembly	A2, A2H, A2K, A3, PC792A, PC792B, PC792C, PC792E, PC792H
RS2214	Automotive	Panel Mount / Wire Assembly	A2, A2H, A2K, A3, PC792A, PC792B, PC792C, PC792E, PC792H
RS2215	Automotive	Panel Mount / Wire Assembly	A2, A2H, A2K, A3, PC792A, PC792B, PC792C, PC792E, PC792H
RS2300	Automotive	Wire Assembly	A2, A2H, A2K, A3, A9, PC792A, PC792B, PC792C, PC792E, PC792H, PC798
RS2314	Automotive	Wire Assembly	A2, A2H, A2K, A3, A9, PC792A, PC792B, PC792C, PC792E, PC792H, PC798
RS2315	Automotive	Wire Assembly	A2, A2H, A2K, A3, A9, PC792A, PC792B, PC792C, PC792E, PC792H, PC798
RS2400	Automotive	Wire Assembly	A2, A2K, PC792A, PC792B
RS2414	Automotive	Wire Assembly	A2, A2K, PC792A, PC792B
RS2415	Automotive	Wire Assembly	A2, A2K, PC792A, PC792B
RS3104	Automotive	PC Pin	A3, A3K, PC795
RS3105	Automotive	PC Pin	A3, A3K, PC795, PC796
RS3300	Automotive	Wire Assembly	A3, A3K, PC795, PC796
RS3314	Automotive	Wire Assembly	A3, A3K, PC795
RS3315	Automotive	Wire Assembly	A3, A3K, PC795, PC796
RS3400	Automotive	Wire Assembly	A3K
RS3414	Automotive	Wire Assembly	A3K
RS3415	Automotive	Wire Assembly	A3K

CIT Relay & Switch sockets are rated to handle the electrical current ratings of their corresponding relays. However, we recommend testing the relay/socket combination under the actual load conditions of the intended application to ensure proper performance. The user is responsible for determining the suitability and performance for their specific application.

Ordering Information

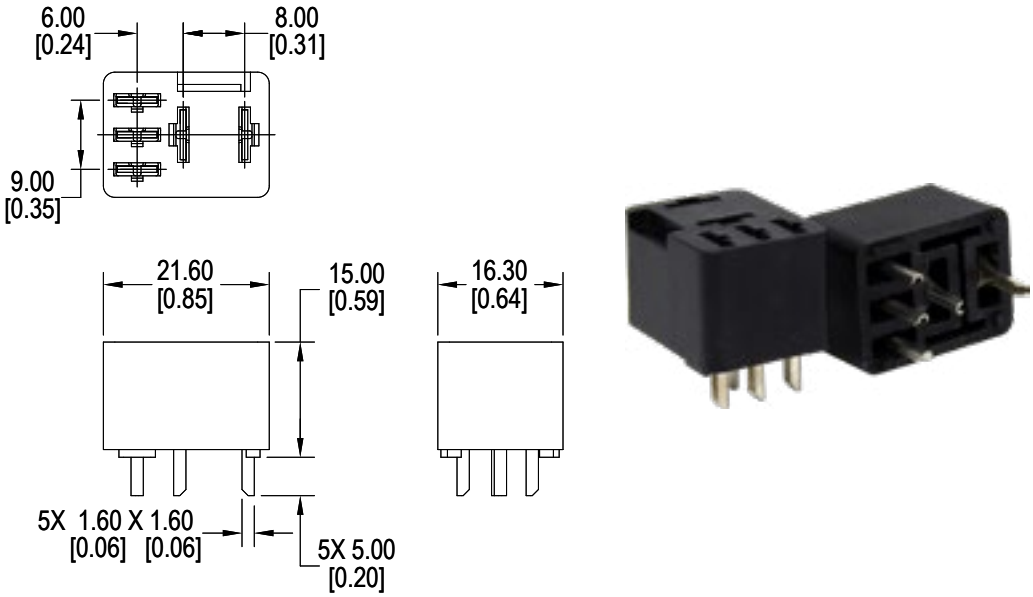
Series	Type	Mounting Option	Compatible Relay Series
RS114A	UL Approved	PCB	J114AF, J114FL, L114FL, PC375, PC375L (5 terminal)
RS114B	UL Approved	PCB	J114AF, J114FL, L114FL, PC375, PC375L (8 terminal)
RS114C	UL Approved	DIN Rail	J114AF, J114FL, L114FL, PC375, PC375L (8 terminal)
RS114D	UL Approved	DIN Rail	J114AF, J114FL, L114FL, PC375, PC375L (8 terminal)
RS151A	UL Approved	Panel Mount	J151, PC113
RS151B	UL Approved	PCB	J151, PC113
RS151C	UL Approved	Panel Mount, DIN Rail	J151, PC113
RS151D	UL Approved	Panel Mount, DIN Rail	J151, PC113
RS151E	UL Approved	Panel Mount, DIN Rail	J151, PC113
RS1522A	UL Approved	Panel Mount	J152 (2 pole), PC118 (2 pole)
RS1522B	UL Approved	PCB	J152 (2 pole), PC118 (2 pole)
RS1522C	UL Approved	Panel Mount, DIN Rail	J152 (2 pole), PC118 (2 pole)
RS1522D	UL Approved	Panel Mount, DIN Rail	J152 (2 pole), PC118 (2 pole)
RS1522E	UL Approved	Panel Mount	J152 (2 pole), PC118 (2 pole)
RS1522F	UL Approved	Panel Mount, DIN Rail	J152 (2 pole), PC118 (2 pole)
RS1523A	UL Approved	Panel Mount	J152 (3 pole), PC118 (3 pole)
RS1523B	UL Approved	PCB	J152 (3 pole), PC118 (3 pole)
RS1523C	UL Approved	Panel Mount, DIN Rail	J152 (3 pole), PC118 (3 pole)
RS1523D	UL Approved	Panel Mount, DIN Rail	J152 (3 pole), PC118 (3 pole)
RS1524A	UL Approved	Panel Mount	J152 (4 pole), PC118 (4 pole)
RS1524B	UL Approved	PCB	J152 (4 pole), PC118 (4 pole)
RS1524C	UL Approved	Panel Mount, DIN Rail	J152 (4 pole), PC118 (4 pole)
RS1524D	UL Approved	Panel Mount, DIN Rail	J152 (4 pole), PC118 (4 pole)

Dimensions

Units = mm [in]

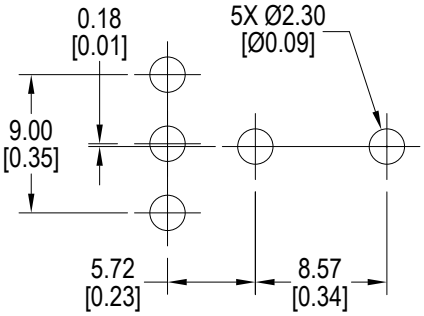
RS1105

Used with A1, A1M, PC780, PC782 and PC784 Series relays



Suggested PC Layout

Top View

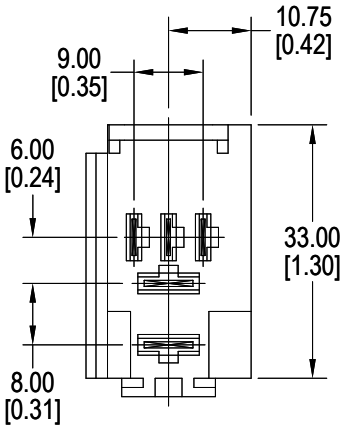


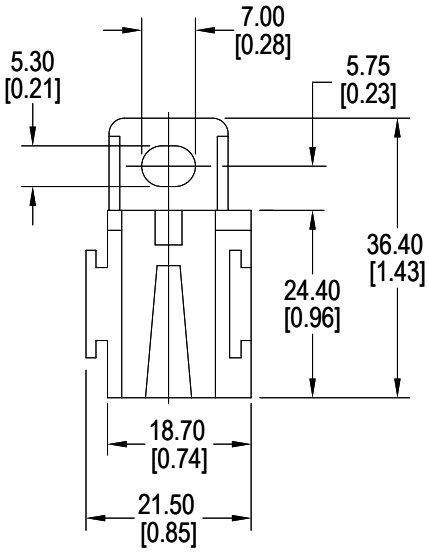
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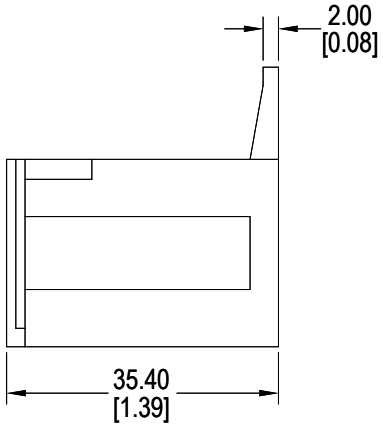
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RS1200

Used with A1, A1M, PC780, PC782 and PC784 Series relays









Metal Crimp Terminal Compatibility

Mfr.	Part Number	Wire AWG	Blade
TE	42100-2	14-18	1/4”
TE	42881-1	14-19	1/4”
TE	42904-2	12-16	1/4”
TE	**60249-3**	**12-16**	**1/4”**
TE	**60253-2**	**12-14**	**1/4”**
TE	**281197-2**	**13-17**	**3/16”**
TE	282180-3	15-20	3/16”

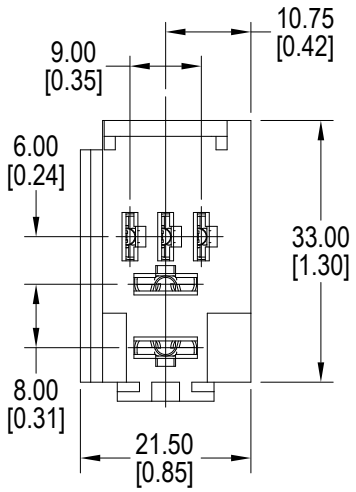
CIT Relay & Switch references these female quick connect terminals to be used with our automotive sockets. Current capability of the terminals depends on the gauge of the wire used, the quality of the crimp, the addition of solder or a weld, operating conditions, ambient temperature, and so forth. Terminals to be purchased separately from the manufacturer.

Dimensions

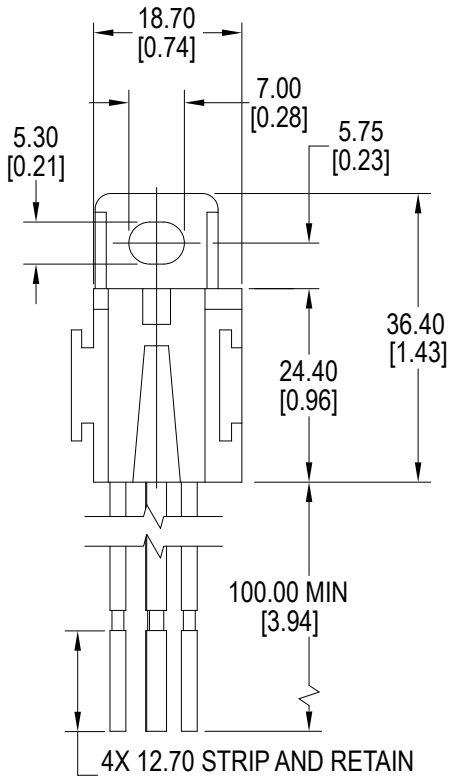
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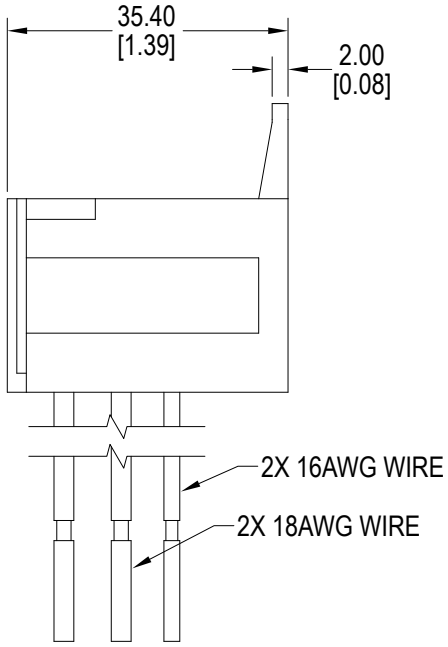
RS1214

Used with A1, A1M, PC780, PC782 and PC784 Series relays







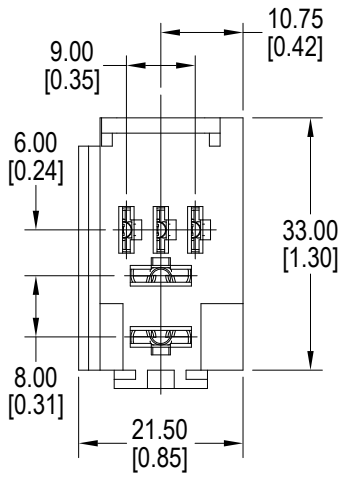


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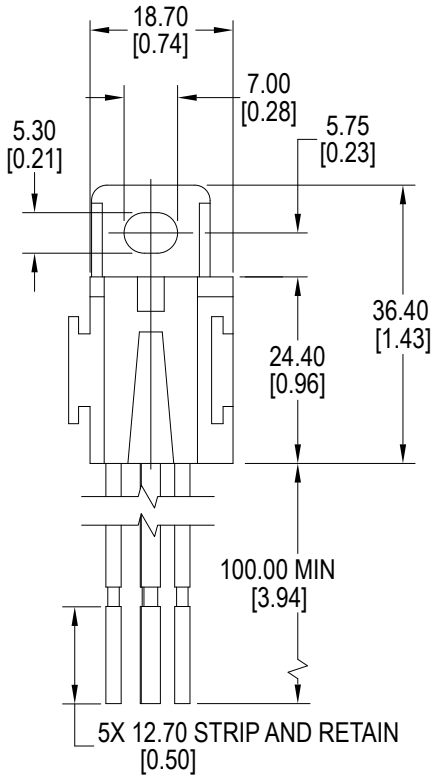
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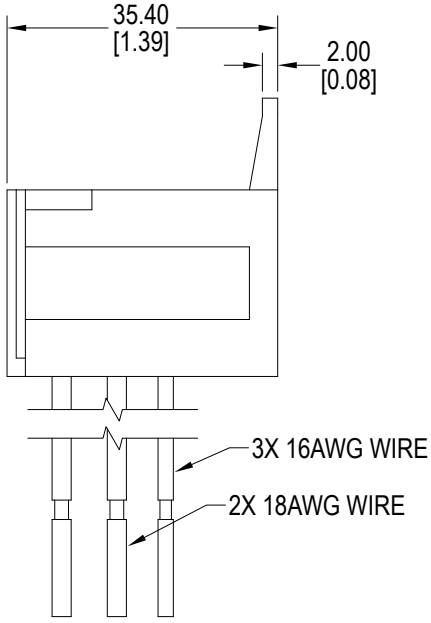
RS1215

Used with A1, A1M, PC780, PC782 and PC784 Series relays







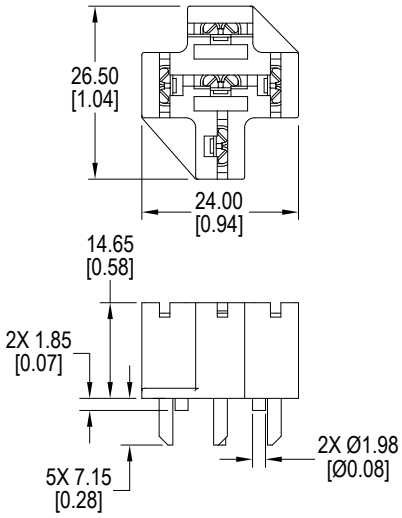


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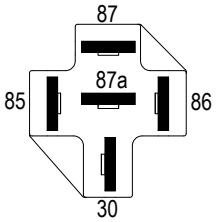
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RS2105

Used with A2, A2H, A3, A9, PC792A, PC792B, PC792C, PC792E, PC792H and PC798 Series relays

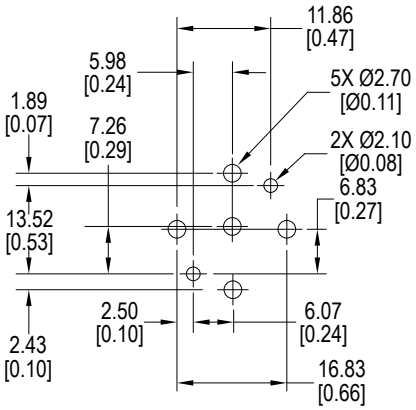






Suggested PC Layout

Top View

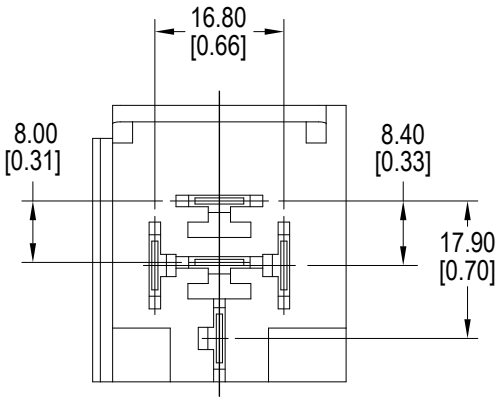


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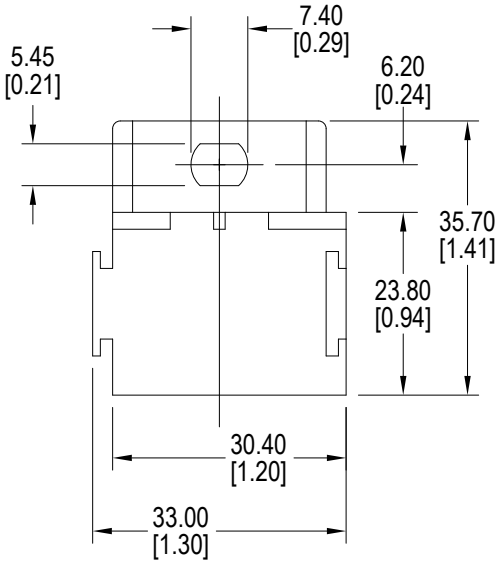
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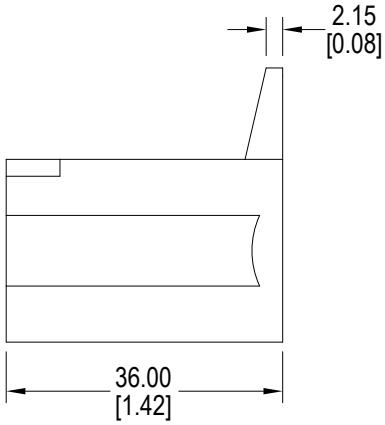
RS2200

Used with A2, A2H, A2K, A3, PC792A, PC792B, PC792C, PC792E, and PC792H Series relays









Metal Crimp Terminal Compatibility

Mfr.	Part Number	Wire AWG	Blade
TE	42100-2	14-18	1/4”
TE	42881-1	14-19	1/4”
TE	42904-2	12-16	1/4”
TE	**60249-3**	**12-16**	**1/4”**
TE	**60253-2**	**12-14**	**1/4”**

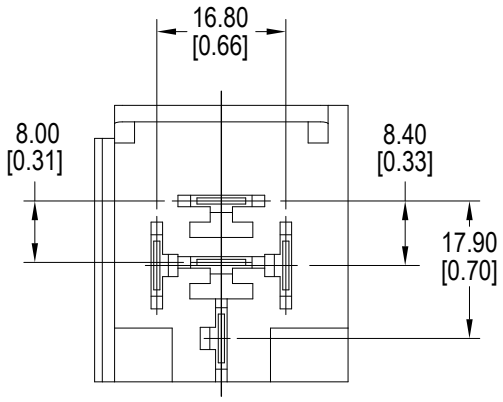
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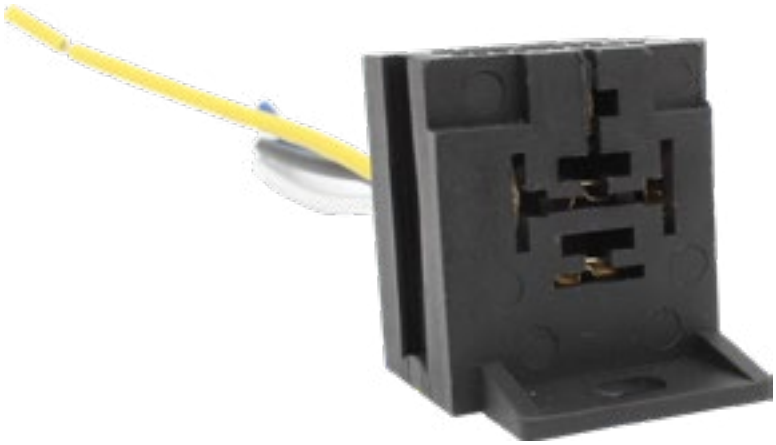
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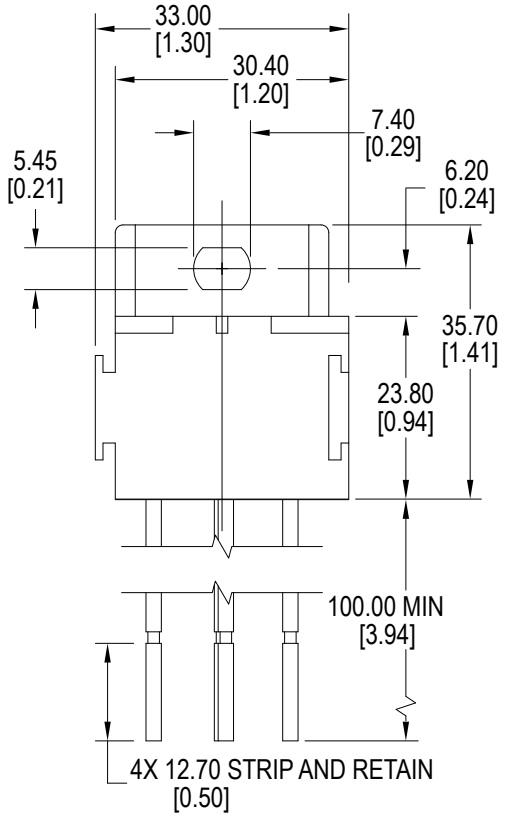
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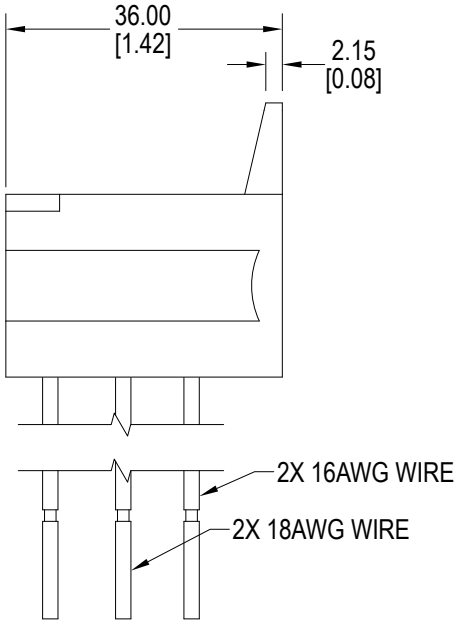
RS2214

Used with A2, A2H, A2K, A3, PC792A, PC792B, PC792C, PC792E and PC792H Series relays







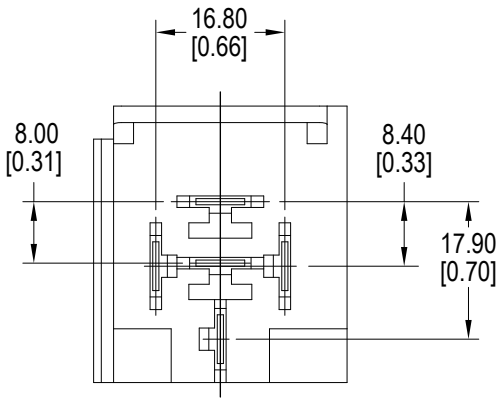


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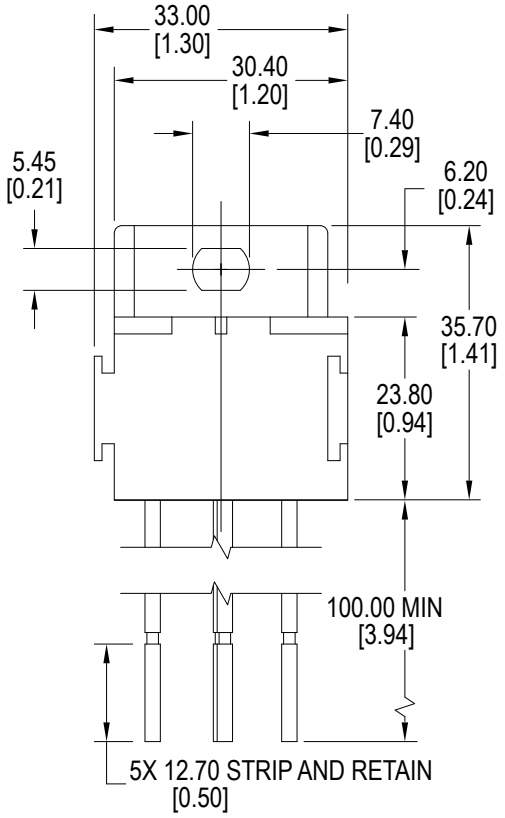
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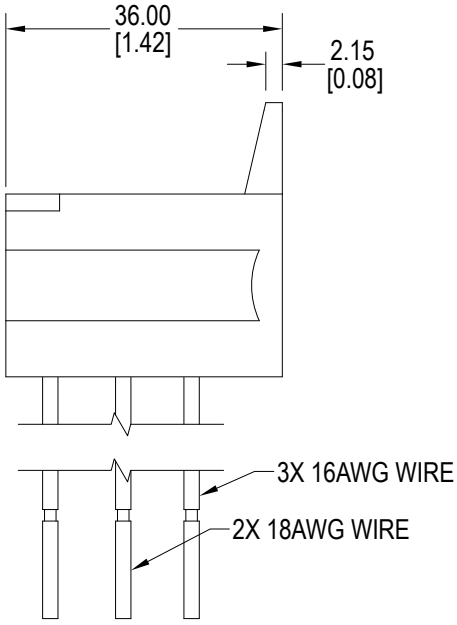
RS2215

Used with A2, A2H, A2K, A3, PC792A, PC792B, PC792C, PC792E, and PC792H Series relays







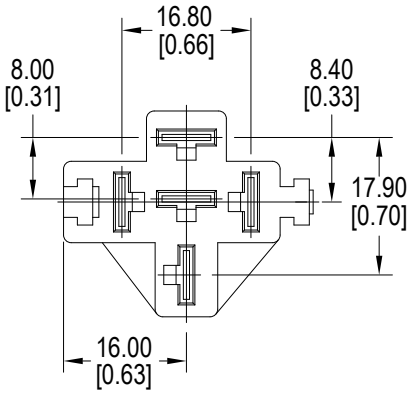


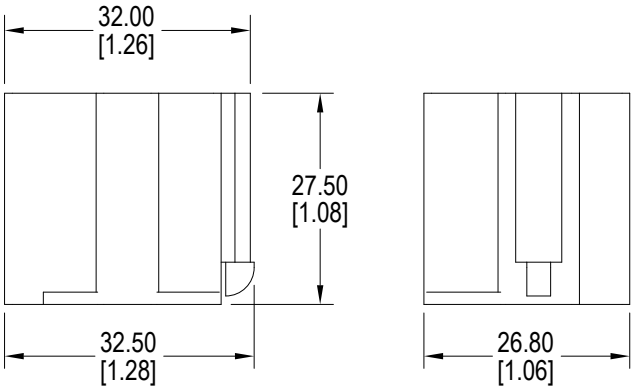
Dimensions

Units = mm [in]

RS2300

Used with A2, A2H, A2K, A3, A9, PC792A, PC792B, PC792C, PC792E, PC792H and PC798 Series relays







Metal Crimp Terminal Compatibility

Mfr.	Part Number	Wire AWG	Blade
TE	42100-2	14-18	1/4”
TE	42881-1	14-19	1/4”
TE	42904-2	12-16	1/4”
TE	**60249-3**	**12-16**	**1/4”**
TE	**60253-2**	**12-14**	**1/4”**

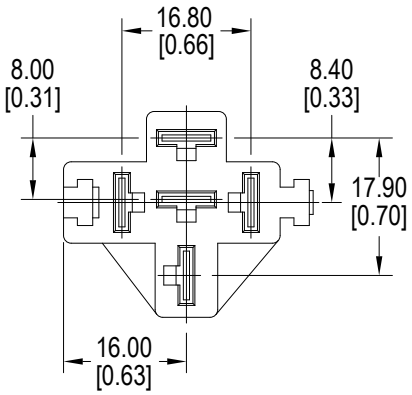
CIT Relay & Switch references these female quick connect terminals to be used with our automotive sockets. Current capability of the terminals depends on the gauge of the wire used, the quality of the crimp, the addition of solder or a weld, operating conditions, ambient temperature, and so forth. Terminals to be purchased separately from the manufacturer.

Dimensions

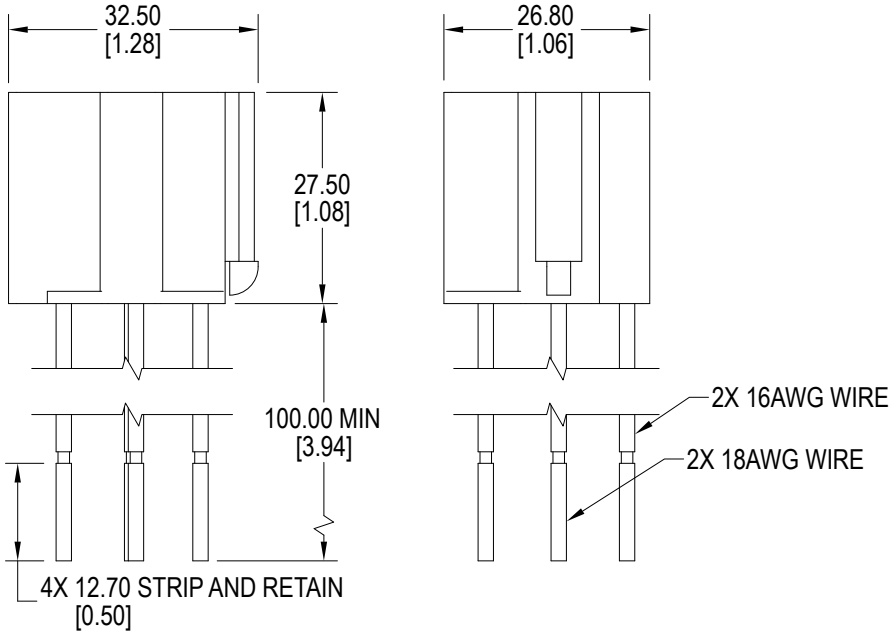
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RS2314

Used with A2, A2H, A2K, A3, A9, PC792A, PC792B, PC792C, PC792E, PC792H and PC798 Series relays





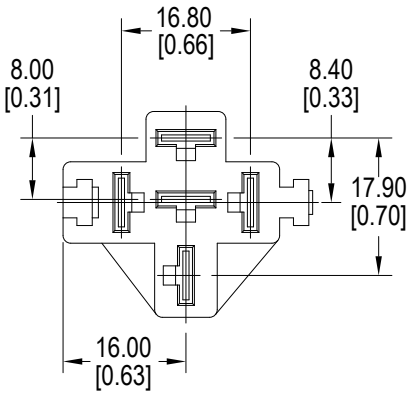


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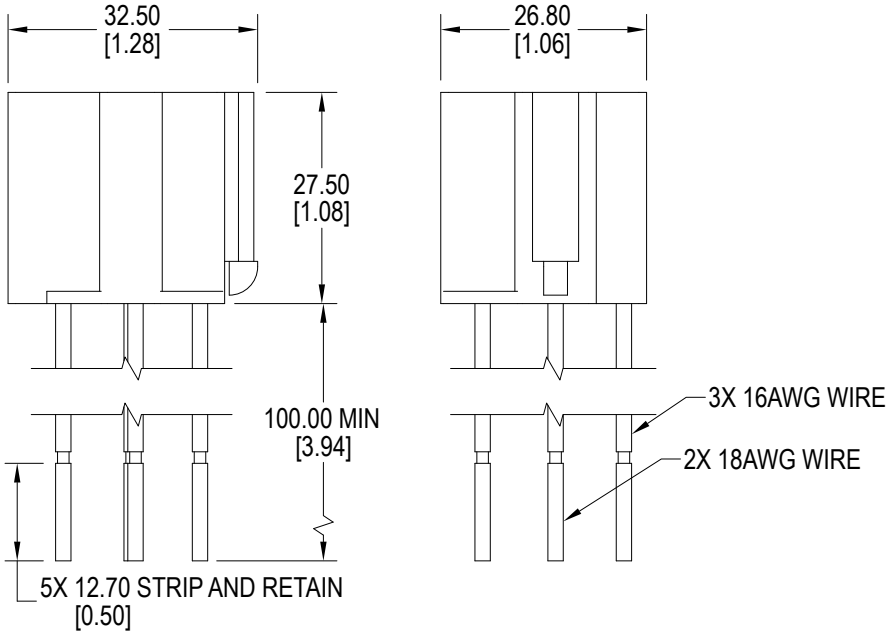
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RS2315

Used with A2, A2H, A2K, A3, A9, PC792A, PC792B, PC792C, PC792E, PC792H and PC798 Series relays





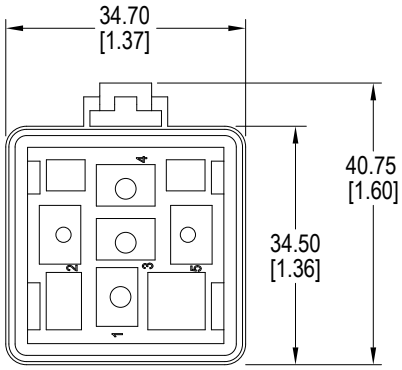


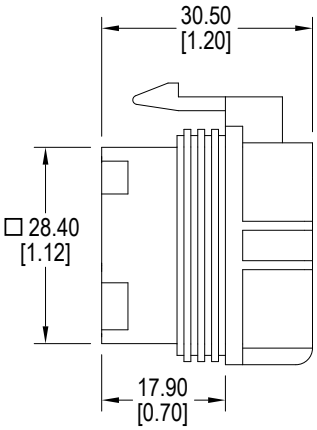
Dimensions

Units = mm [in]

RS2400

Used with A2, A2K, PC792A and, PC792B Series relays

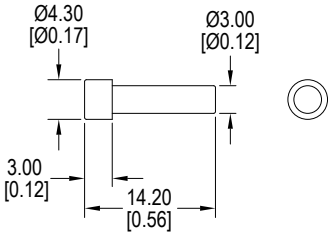






RS Plug

RS Plug is available for custoemrs to plug any unused wire cavity in the socket seal.



Metal Crimp Terminal Compatibility

Mfr.	Part Number	Wire AWG	Blade
Aptiv	12066614	14-17	1/4”
Aptiv	12020156	18-20	1/4”
Aptiv	12176854	10-12	1/4”
Aptiv	12033997	12	1/4”

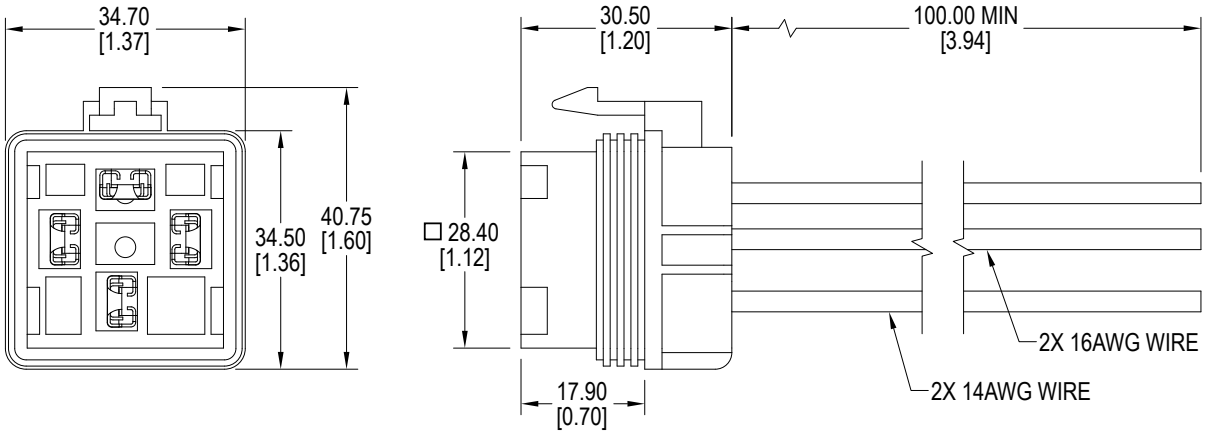
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Dimensions

Units = mm [in]

RS2414

Used with A2, A2K, PC792A and, PC792B Series relays



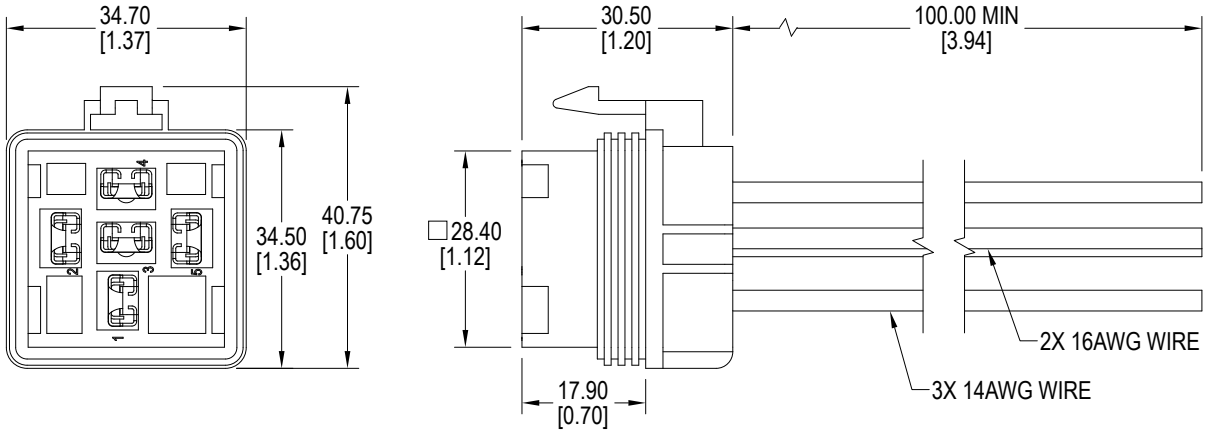


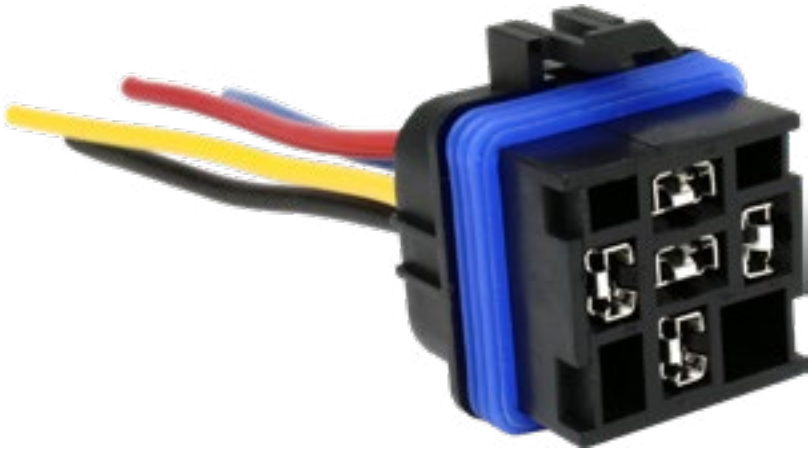
Dimensions

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RS2415

Used with A2, A2K, PC792A and, PC792B Series relays



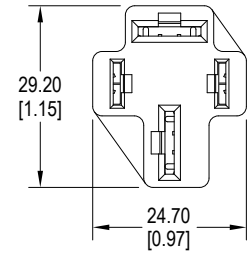


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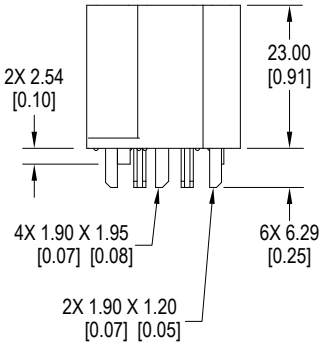
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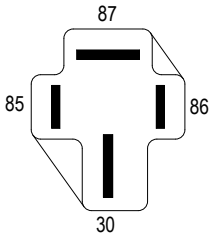
RS3104

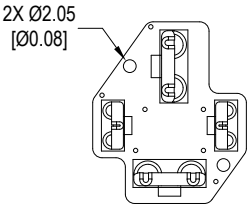
Used with A3, A3K, and PC795 Series relays





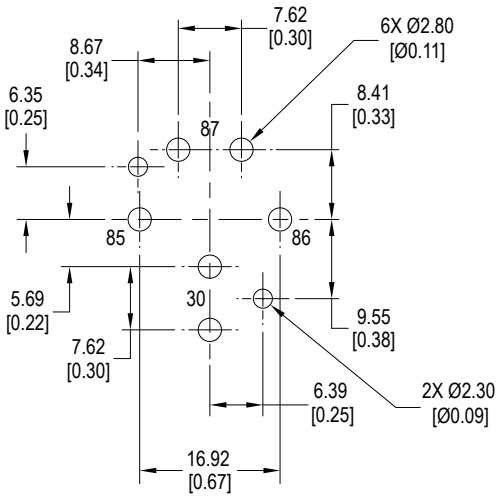






Suggested PC Layout

Top View

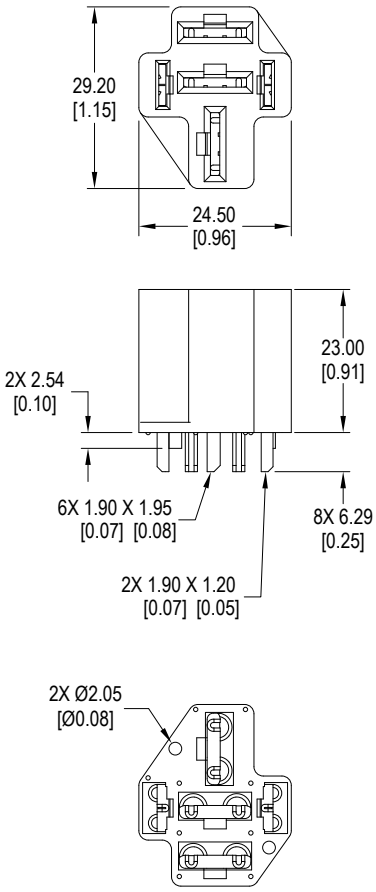


Dimensions

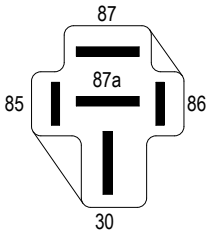
Units = mm [in]

RS3105

Used with A3, A3K, PC795, and PC796 Series relays

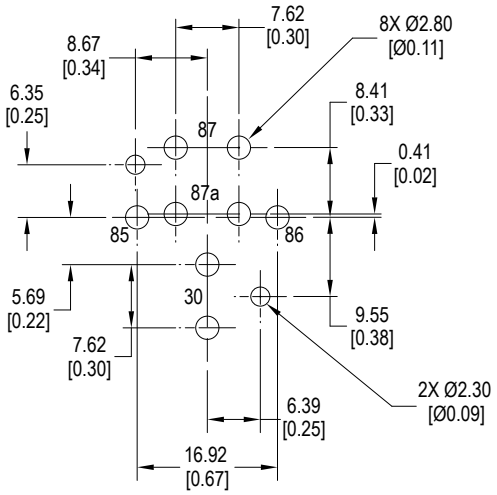






Suggested PC Layout

Top View

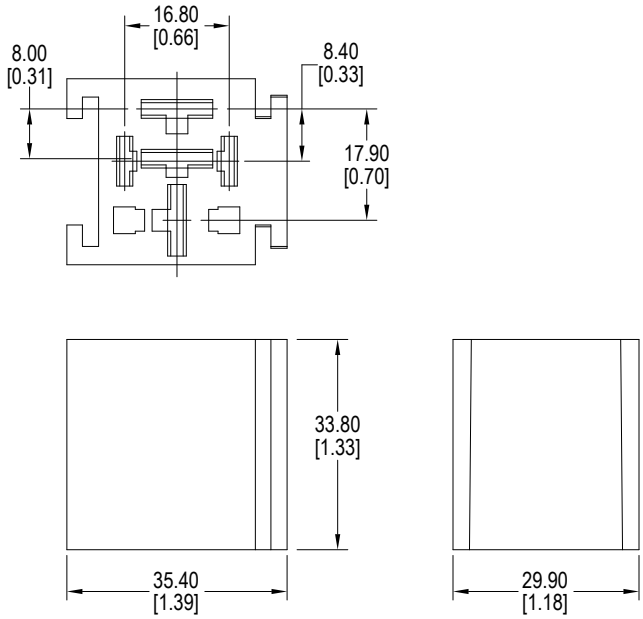


Dimensions

Units = mm [in]

RS3300

Used with A3, A3K, PC795, and PC796 Series relays





Metal Crimp Terminal Compatibility

Mfr.	Part Number	Wire AWG	Blade
TE	42100-2	14-18	1/4”
TE	42881-1	14-19	1/4”
TE	42904-2	12-16	1/4”
TE	60249-3	12-16	1/4”
TE	60253-2	12-14	1/4”
TE	280756-2	10-12	3/8”
TE	280755-2	7-10	3/8”

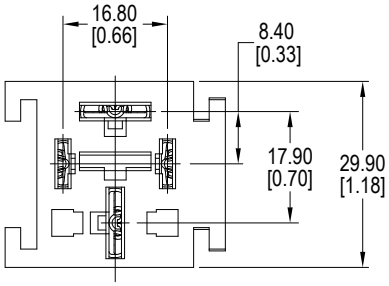
CIT Relay & Switch references these female quick connect terminals to be used with our automotive sockets. Current capability of the terminals depends on the gauge of the wire used, the quality of the crimp, the addition of solder or a weld, operating conditions, ambient temperature, and so forth. Terminals to be purchased separately from the manufacturer.

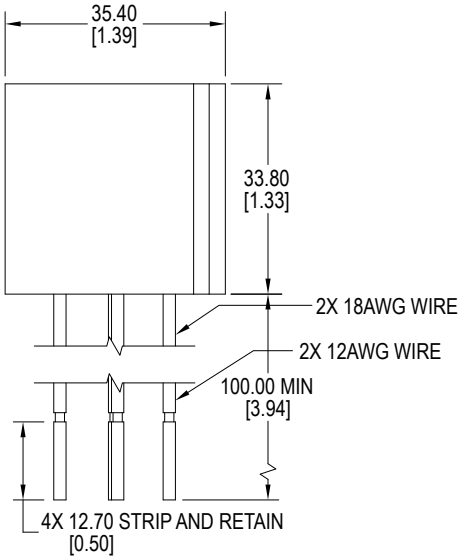
Dimensions

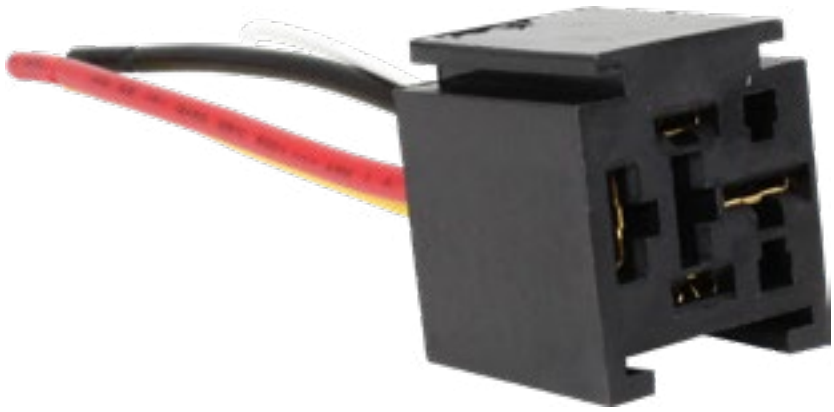
Units = mm [in]

RS3314

Used with A3, A3K, and PC795 Series relays





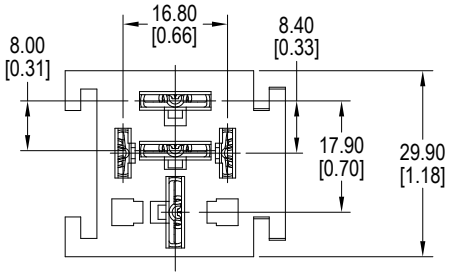


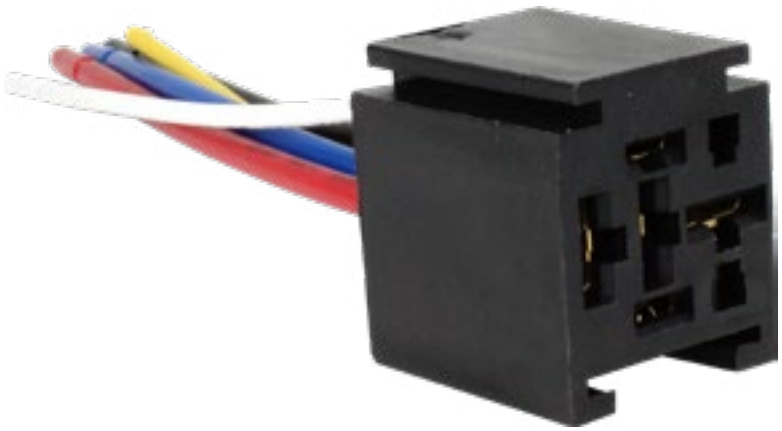
Dimensions

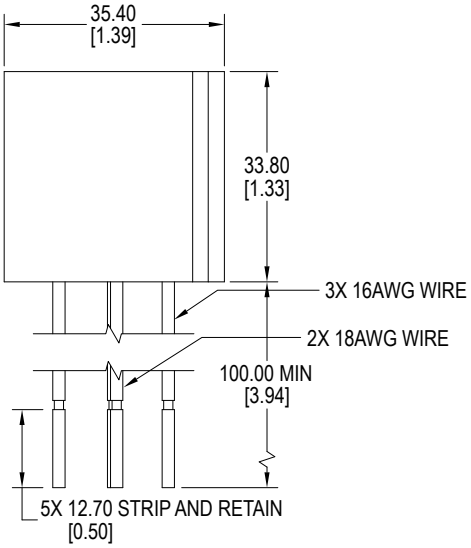
Units = mm [in]

RS3315

Used with A3, A3K, PC795, and PC796 Series relays





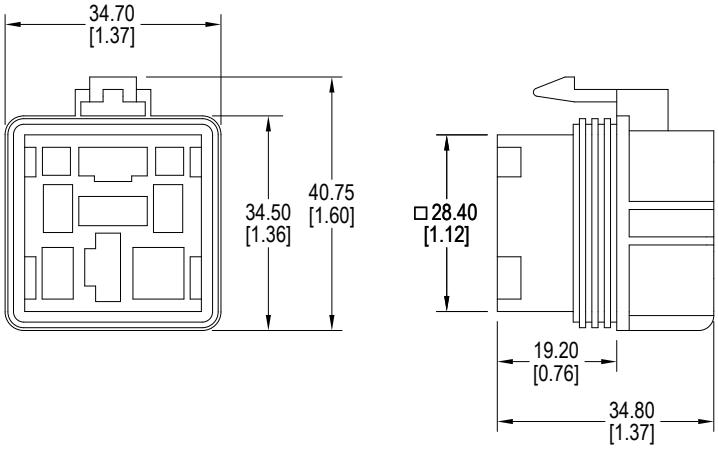


Dimensions

Units = mm [in]

RS3400

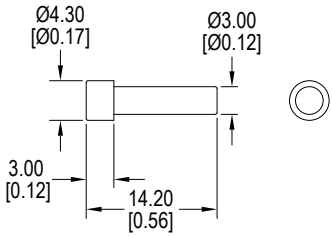
Used with A3K Series relays





RS Plug

RS Plug is available for custoemrs to plug any unused wire cavity in the socket seal.



Metal Crimp Terminal Compatibility

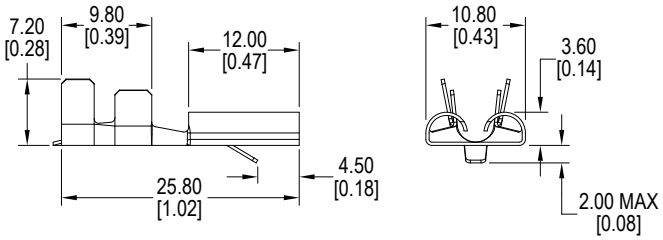
Mfr.	Part Number	Wire AWG	Blade
Aptiv	12066614	14-17	1/4”
Aptiv	12020156	18-20	1/4”
Aptiv	12176854	10-12	1/4”
Aptiv	12033997	12	1/4”
CIT	RST3752	10-12	3/8”

CIT Relay & Switch references these female quick connect terminals to be used with our automotive sockets. Current capability of the terminals depends on the gauge of the wire used, the quality of the crimp, the addition of solder or a weld, operating conditions, ambient temperature, and so forth. Terminals to be purchased separately from the manufacturer.

Crimp Tool

RST3752 3/8” Crimp Terminal, Pull-To-Seat

Used with RS3400 Series socket

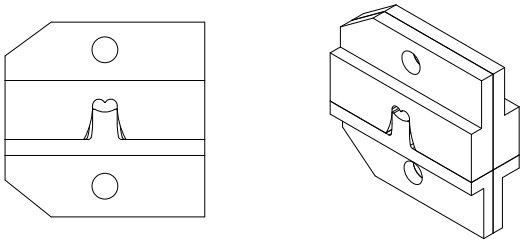


Wire Size	Pull Force Min.
10 AWG	356 N
12 AWG	311 N

Mating Tab Width	9.53mm [.375in]
Mating Tab Thickness	1.22mm [.048in]
Insulation Diameter	3.81-5.30mm [.150-.209in]

RSTDS1 3/8” Crimp Terminal Die Set

Used with RS3400 Series socket. Requires TE 539635-1 hand crimp tool.

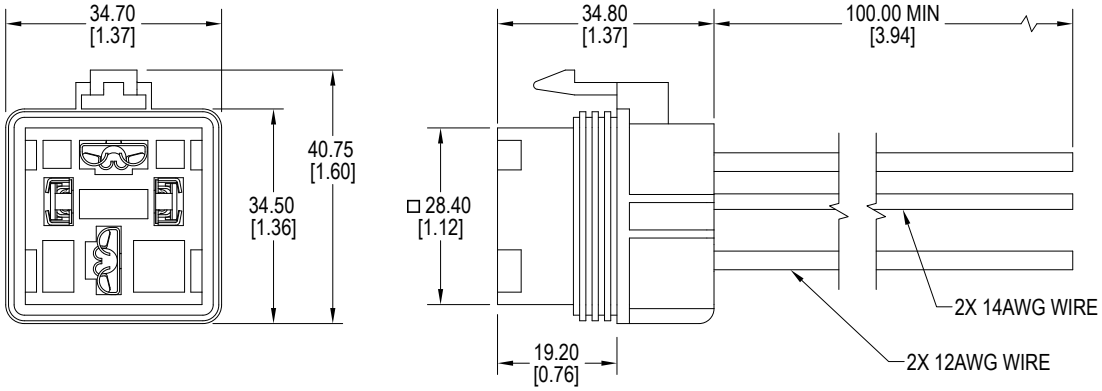


Dimensions

Units = mm [in]

RS3414

Used with A3K Series relays



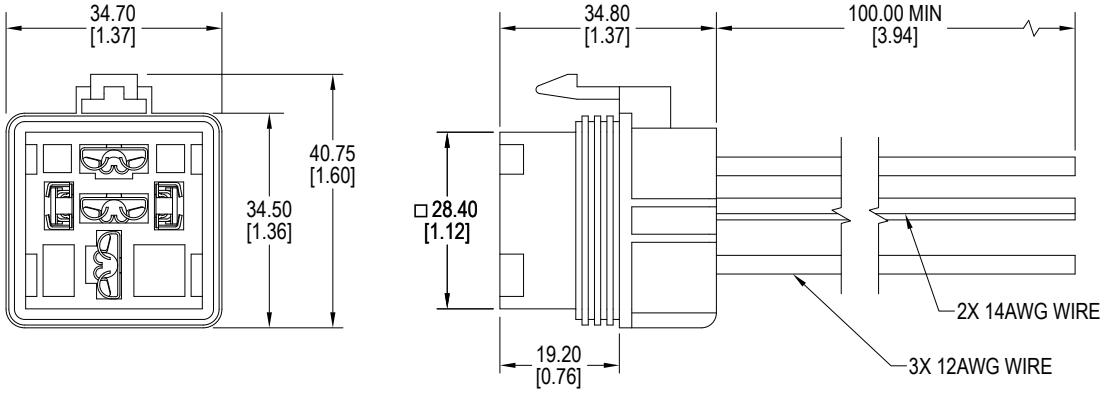


Dimensions

Units = mm [in]

RS3415

Used with A3K Series relays



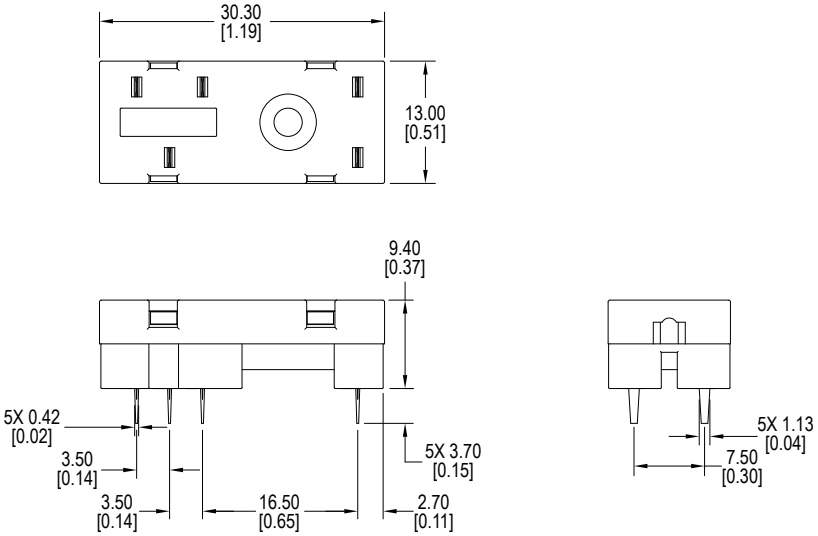


Dimensions

Units = mm [in]

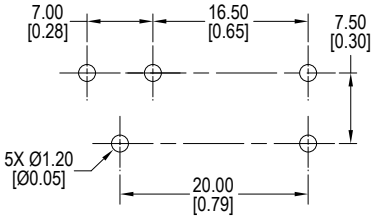
RS114A

Used with J114AF, J114FL, L114FL, PC375 and PC375L 5 terminal version Series relays



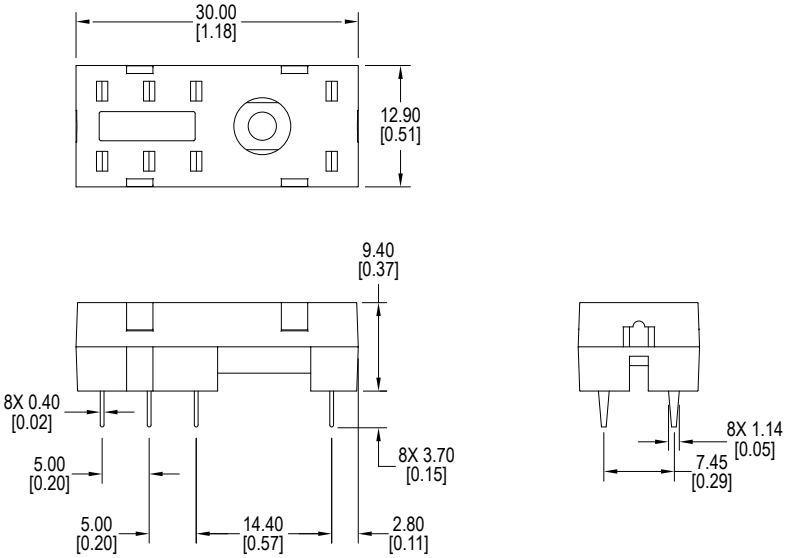
Suggested PC Layout

Top View



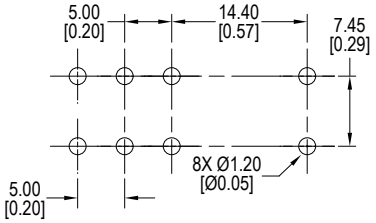
RS114B

Used with J114AF, J114FL, L114FL, PC375 and PC375L 8 terminal version Series relays



Suggested PC Layout

Top View

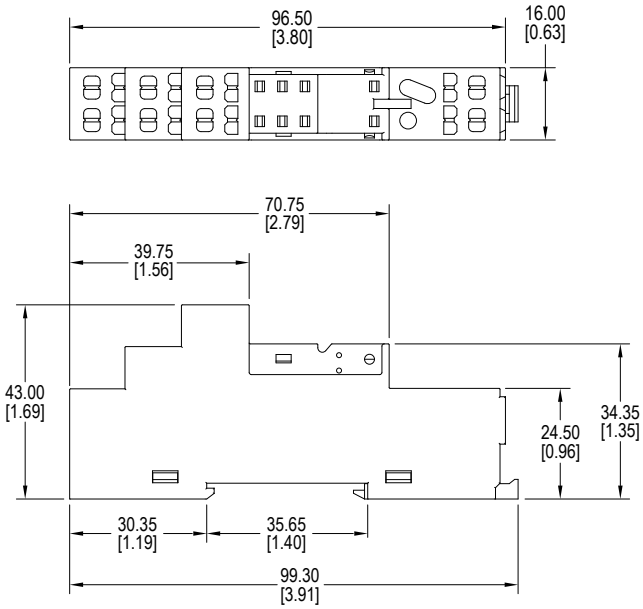


Dimensions

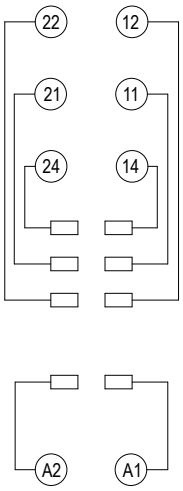
Units = mm [in]

RS114C

Used with J114AF, J114FL, L114FL, PC375 and PC375L 8 terminal version Series relays

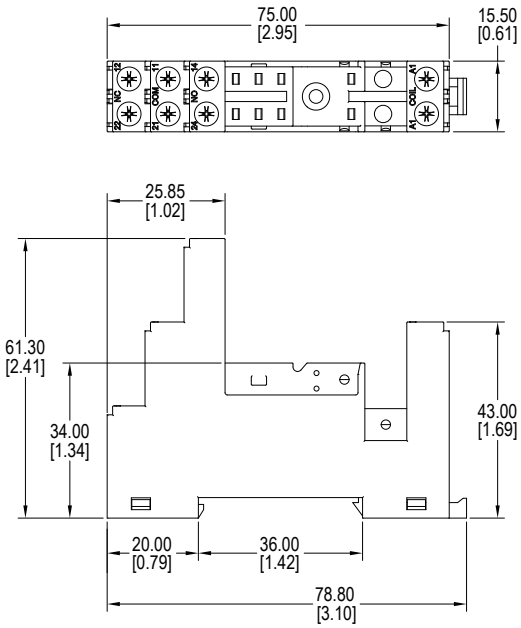


Schematic

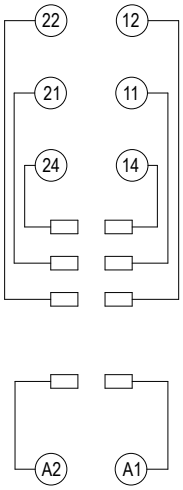


RS114D

Used with J114AF, J114FL, L114FL, PC375 and PC375L 8 terminal version Series relays



Schematic



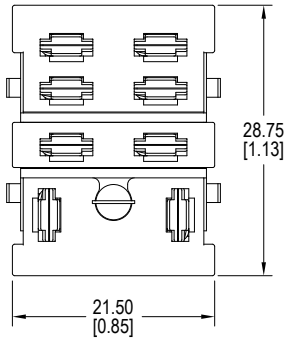


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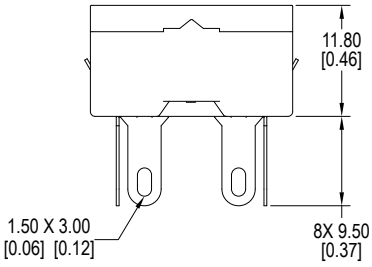
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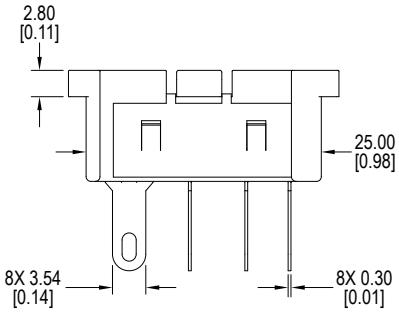
RS151A

Used with J151 and PC113 Series relays

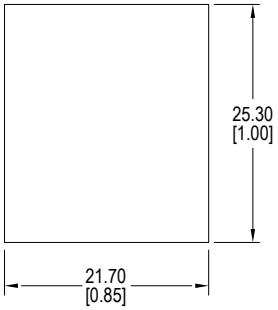






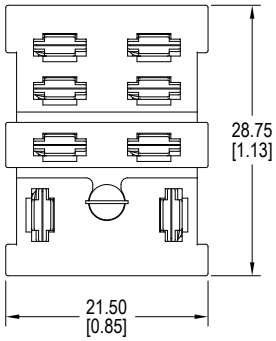


Suggested Panel Cutout

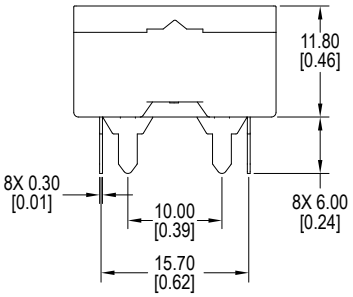


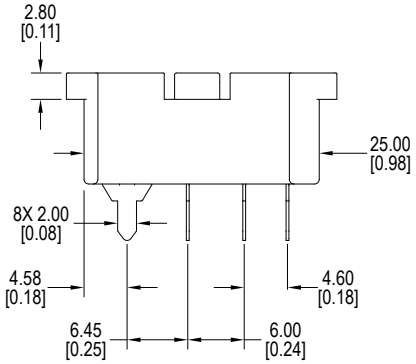
RS151B

Used with J151 and PC113 Series relays



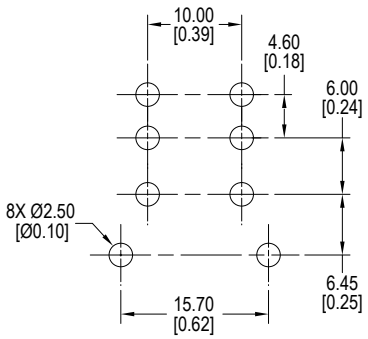






Suggested PC Layout

Top View

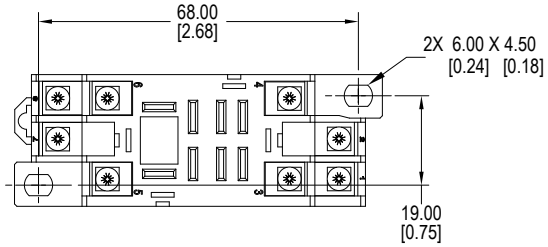


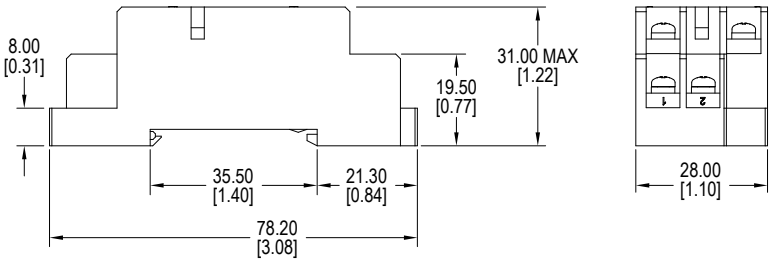
Dimensions

Units = mm [in]

RS151C

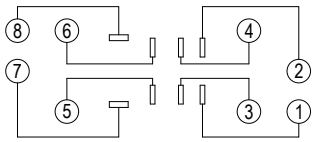
Used with J151 and PC113 Series relays





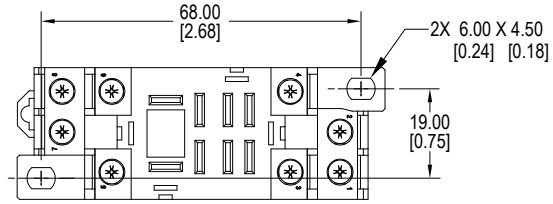


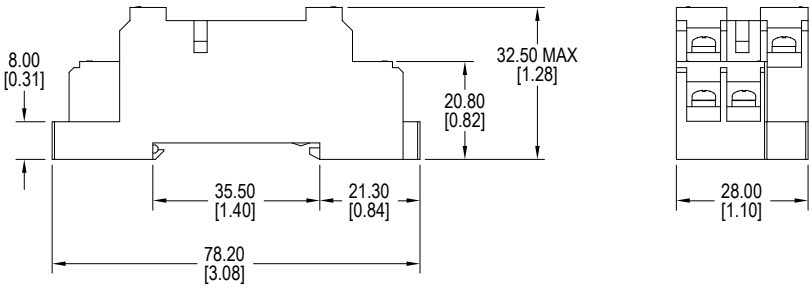
Schematic



RS151D

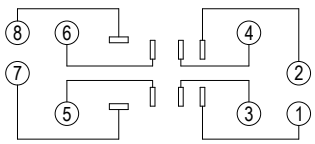
Used with J151 and PC113 Series relays







Schematic

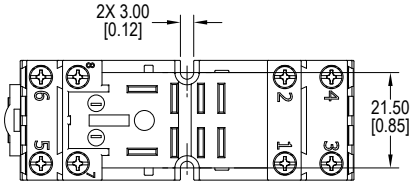


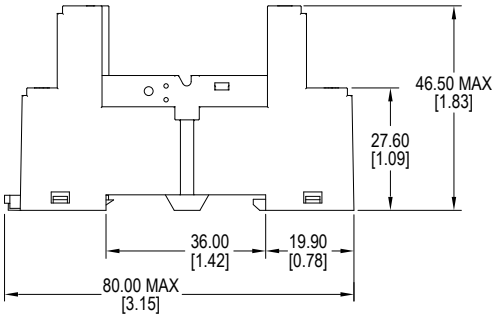
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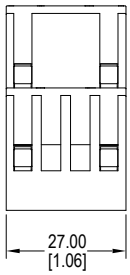
Units = mm [in]

RS151E

Used with J151 and PC113 Series relays

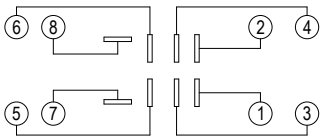








Schematic

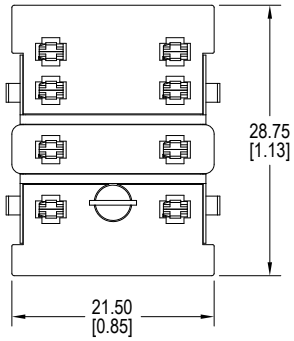


Dimensions

Units = mm [in]

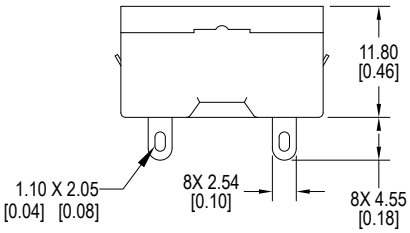
RS1522A

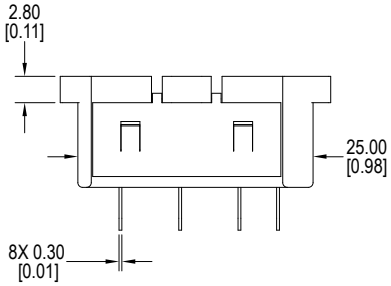
Used with J152 (2 pole) and PC118 (2 pole) Series relays

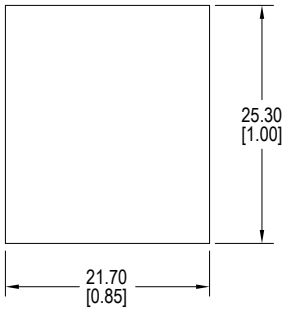




Suggested Panel Cutout

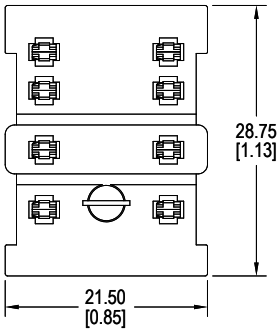






RS1522B

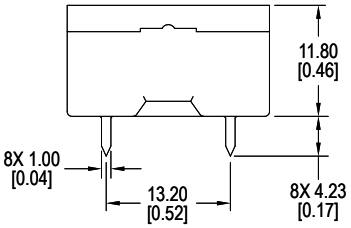
Used with J152 (2 pole) and PC118 (2 pole) Series relays

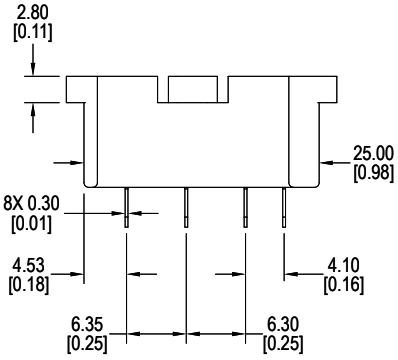


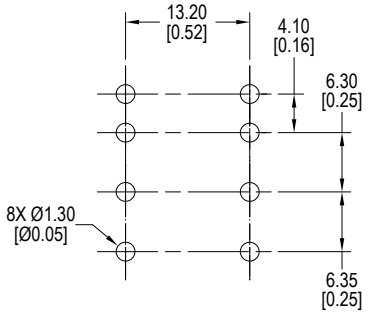


Suggested PC Layout

Top View





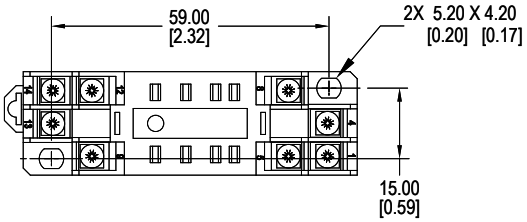


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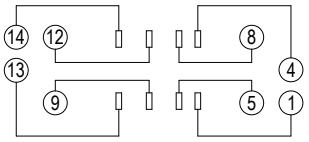
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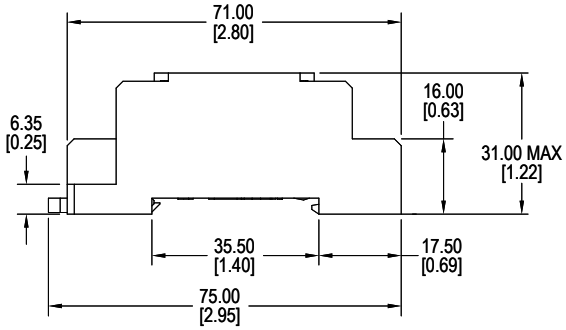
RS1522C

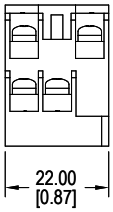
Used with J152 (2 pole) and PC118 (2 pole) Series relays



Schematic

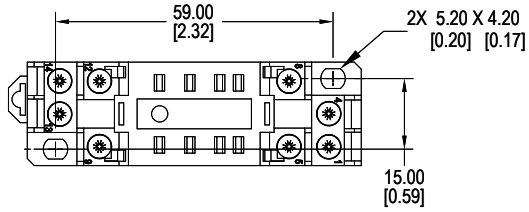






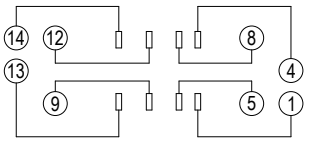
RS1522D

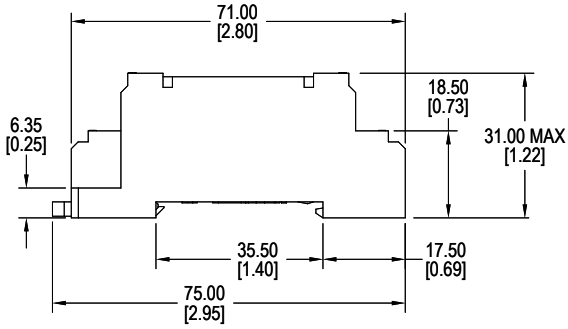
Used with J152 (2 pole) and PC118 (2 pole) Series relays

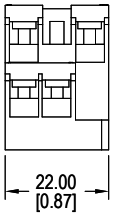




Schematic





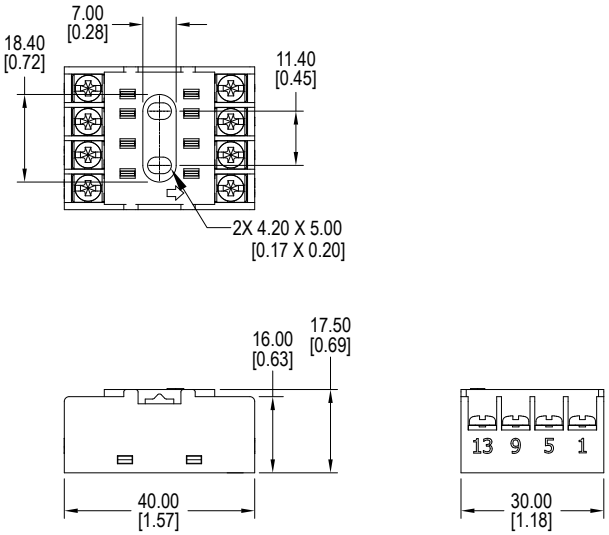


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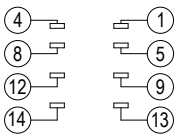
RS1522E

Used with J152 (2 pole) and PC118 (2 pole) Series relays



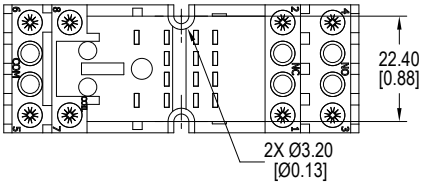


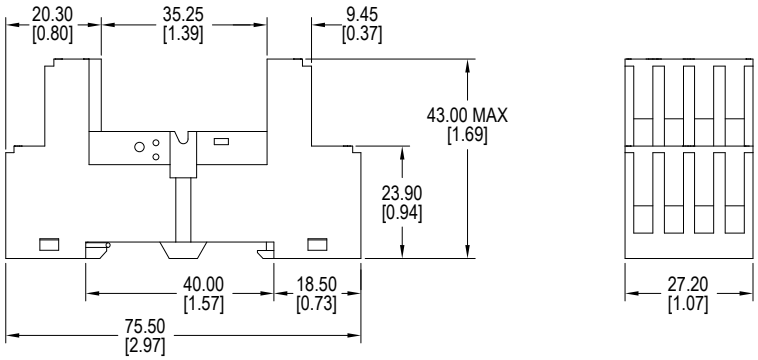
Schematic



RS1522F

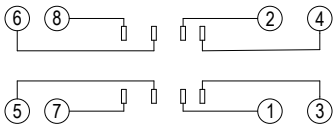
Used with J152 (2 pole) and PC118 (2 pole) Series relays







Schematic

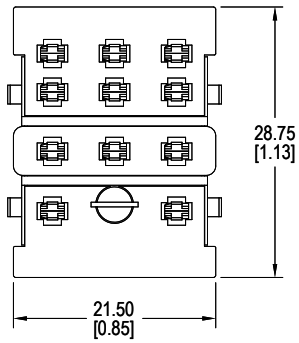


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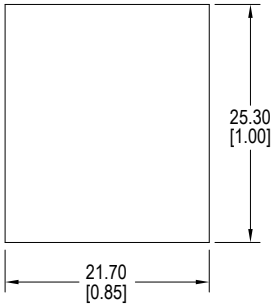
RS1523A

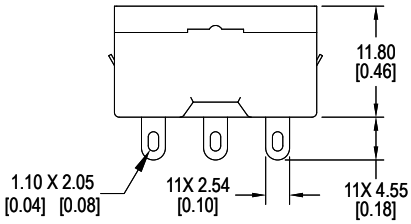
Used with J152 (3 pole) and PC118 (3 pole) Series relays

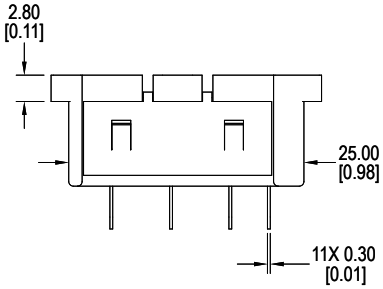




Suggested Panel Cutout

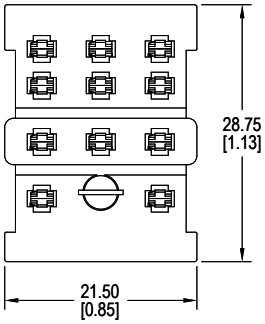






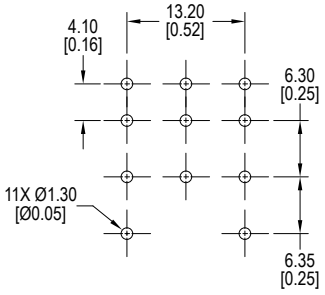
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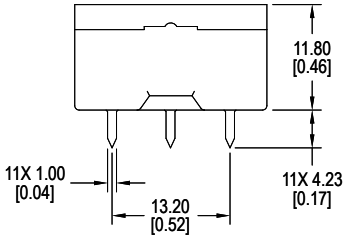
Used with J152 (3 pole) and PC118 (3 pole) Series relays

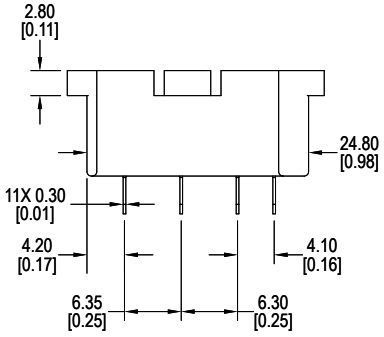




Schematic





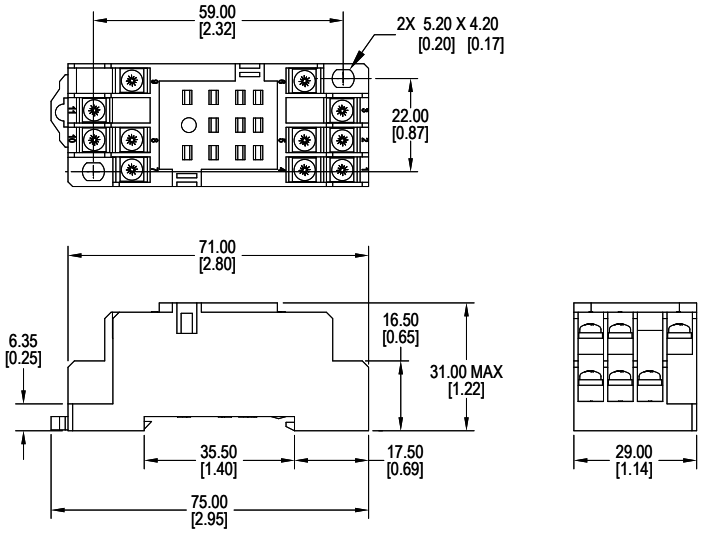


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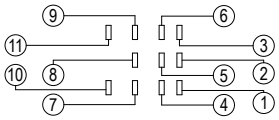
RS1523C

Used with J152 (3 pole) and PC118 (3 pole) Series relays



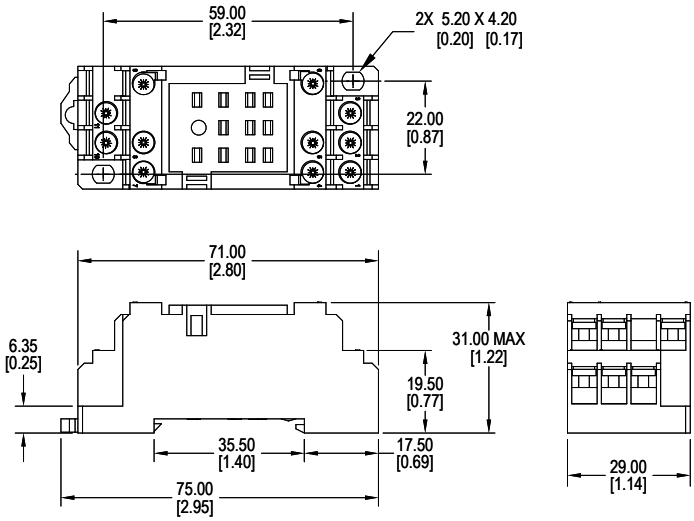


Schematic



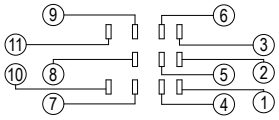
RS1523D

Used with J1152 (3 pole) and PC118 (3 pole) Series relays





Schematic

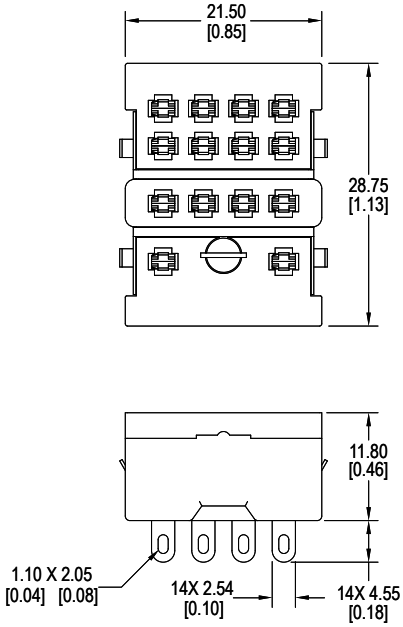


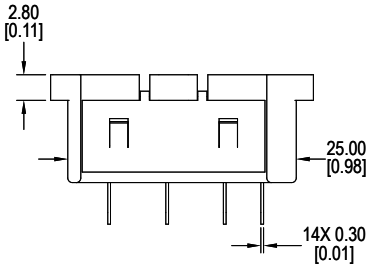
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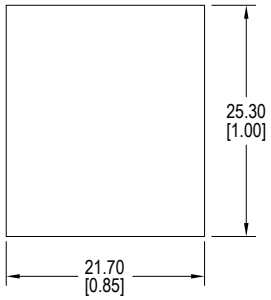
RS1524A

Used with J152 (4 pole) and PC118 (4 pole) Series relays



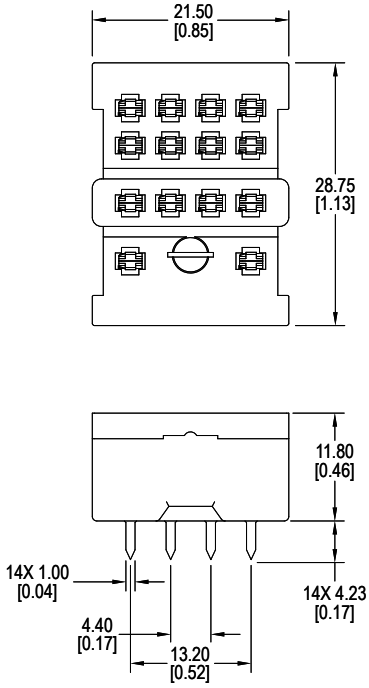


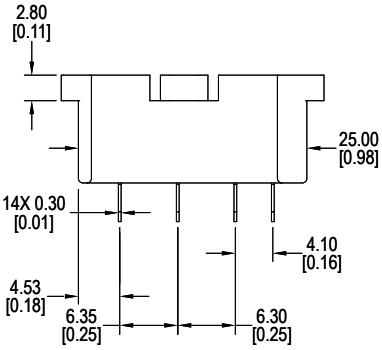
Suggested Panel Cutout



RS1524B

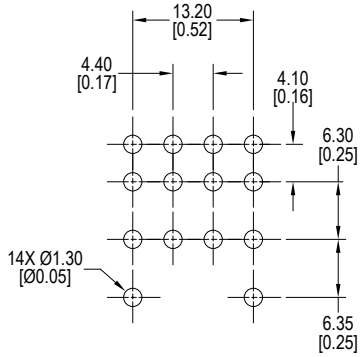
Used with J1152 (4 pole) and PC118 (4 pole) Series relays







Schematic

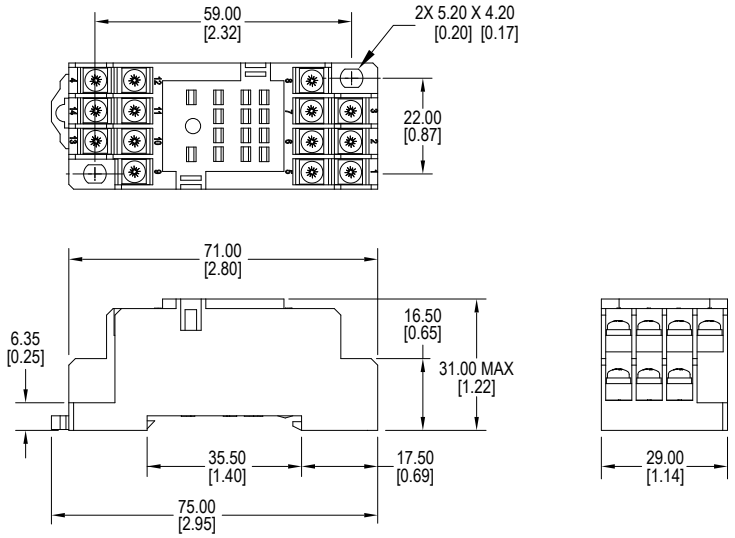


Dimensions

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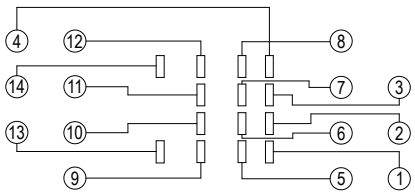
RS1524C

Used with J152 (4 pole) and PC118 (4 pole) Series relays



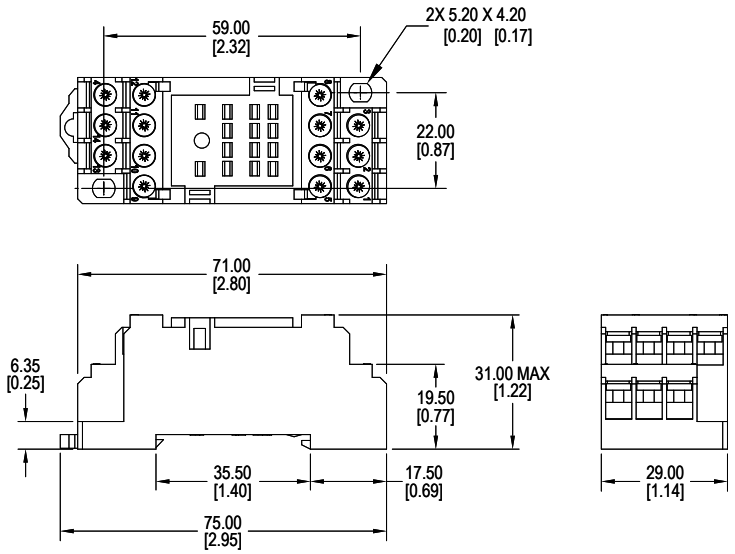


Schematic



RS1524D

Used with J1152 (4 pole) and PC118 (4 pole) Series relays





Schematic

