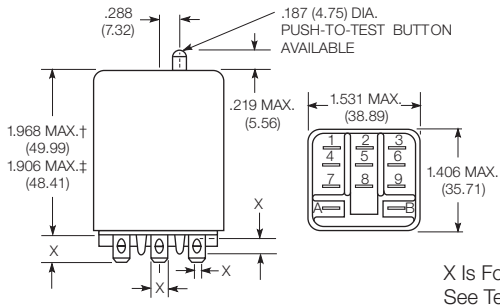


## KUP Series Panel Plug-in Relay (Continued)

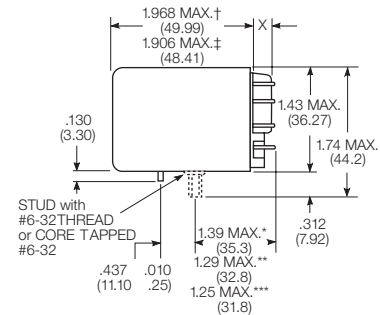
### Dimensions (continued)

#### KUP plain case

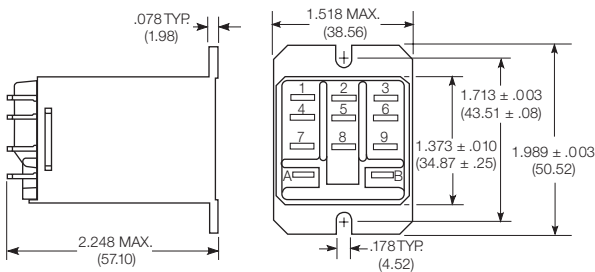


X Is For Terminal Dimensions.  
See Terminal Drawings.

#### KUP core / stud mount case



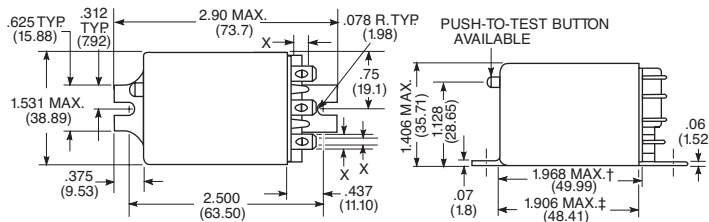
#### KUP top flange case



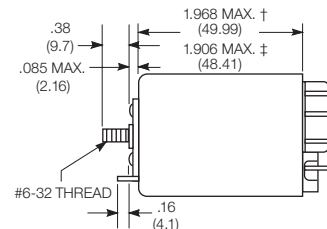
† Dimensions with .250" (6.35mm) terminals.  
‡ Dimensions with .187" (4.75mm) and .205" (5.21mm) terminals.

\* Dimensions with .250" (6.35mm) terminals.  
\*\* Dimensions with .110" (2.79mm) or .205" (5.21mm) terminals.  
\*\*\* Dimensions with .187" (4.75mm) terminals.

#### KUP bracket mount case

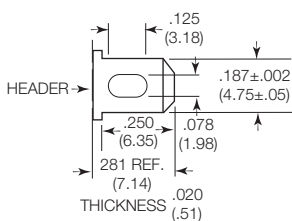


#### KUP stud on end case

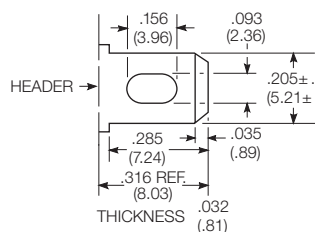


### Terminal dimensions

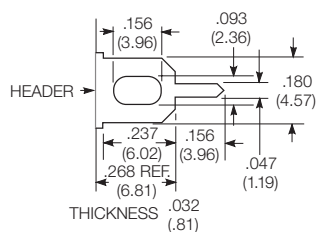
#### 4.75mm (.187) quick connect



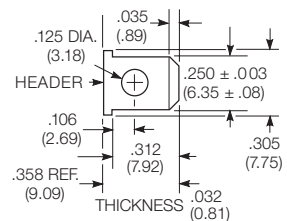
#### 5.21mm (.205) quick connect



#### 1.19mm (.047) printed circuit

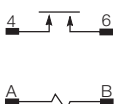


#### 6.35mm (.250) quick connect

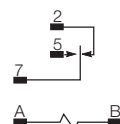


### Terminal assignment

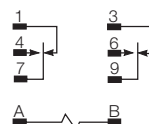
#### 1 Form X



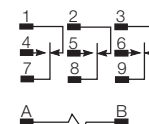
#### 1 Form C 1 Form A (delete 2)



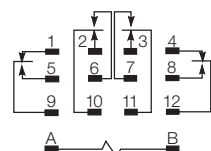
#### 2 Form C 2 Form A (delete 1 & 3)



#### 3 Form C 3 Form A (delete 1, 2 & 3)



#### 4 Form C

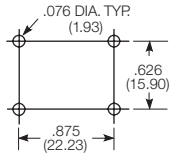


**KUP Series Panel Plug-in Relay** (Continued)

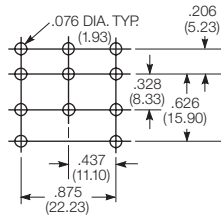
**PCB layout**

Bottom view on solder pins

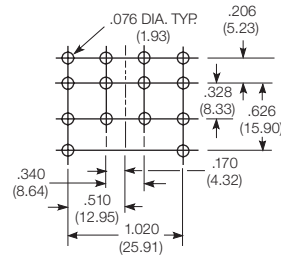
1 form X version



3 pole version  
(Omit unnecessary holes for form A and 2 pole types)



4 pole version



**Product code structure**

Typical product code

**KUP -14 A 1 5 -120**

**Type**

**KU** Open style relay

**KUP** Enclosed relay

**Contact arrangement**

|           |                 |           |                    |           |                 |
|-----------|-----------------|-----------|--------------------|-----------|-----------------|
| <b>1</b>  | 1 form A (1 NO) | <b>3</b>  | 1 form X (1 NO-DM) | <b>5</b>  | 1 form C (1 CO) |
| <b>7</b>  | 2 form A (2 NO) | <b>11</b> | 2 form C (2 CO)    | <b>12</b> | 3 form A (3 NO) |
| <b>14</b> | 3 form C (3 CO) | <b>17</b> | 4 form C (4 CO)    |           |                 |

**Coil Input**

|          |             |          |    |
|----------|-------------|----------|----|
| <b>A</b> | AC, 50/60Hz | <b>D</b> | DC |
|----------|-------------|----------|----|

**Mounting and options**

**KU**

- 1** #6-32 mounting stud, 5.54mm (.218in) locating tab
- 3** #6-32 tapped core, 3.18mm (.125in) locating tab
- 4** #6-32 tapped core, 5.54mm (.218in) locating tab
- 5** #6-32 tapped core, no locating tab

**KUP**

- 1** Socket mount (plain) case
  - 2** Socket mount (plain) case with push-to-test button 1)
  - 3** Socket mount (plain) case with indicator lamp 2)
  - 4** Socket mount (plain) case with indicator lamp and push-to-test button 1) 2)
  - 5** Bracket mount case
  - A** Plain case with #6-32 stud and locating tab
  - E** Plain case with #6-32 tapped core and locating tab
  - T** Top flange case 1)
- 1) Not available with four pole models (Contact arrangement 17).  
2) Indicator lamps are available on models with the following coils: 6-24VAC and VDC, 110VDC and 120-240VAC. Only models with 120-240VAC coils are UL recognized.

**Terminal and contact material**

**1 and 2 pole models**

|          |                                                    |          |                                                  |
|----------|----------------------------------------------------|----------|--------------------------------------------------|
| <b>1</b> | 4.75mm (.187in) quick connect/solder; Ag, 5A       | <b>3</b> | 1.19mm (.047in) PCB; Ag, 5A                      |
| <b>5</b> | 4.75mm (.187in) quick connect/solder; AgCdO, 10A   | <b>7</b> | 1.19mm (.047in) PCB; AgCdO, 10A                  |
| <b>J</b> | 6.35mm (.250in) quick connect/solder; Ag, 5A       | <b>K</b> | 6.35mm (.250in) quick connect/solder; AgCdO, 10A |
| <b>P</b> | 4.75mm (.187in) quick connect/solder; AgSnInO, 10A | <b>S</b> | 1.19mm (.047in) PCB, AgSnInO; 10A                |
| <b>W</b> | 6.35mm (.250in) quick connect/solder; AgSnInO, 10A |          |                                                  |

**3 pole models**

|          |                                                    |          |                                   |
|----------|----------------------------------------------------|----------|-----------------------------------|
| <b>1</b> | 4.75mm (.187in) quick connect/solder; Ag, 5A       | <b>3</b> | 1.19mm (.047in) PCB; Ag, 5A       |
| <b>5</b> | 4.75mm (.187in) quick connect/solder; AgCdO, 10A   | <b>7</b> | 1.19mm (.047in) PCB; AgCdO, 10A   |
| <b>P</b> | 4.75mm (.187in) quick connect/solder; AgSnInO, 10A | <b>S</b> | 1.19mm (.047in) PCB, AgSnInO; 10A |

**4 pole models**

|          |                                                       |          |                                                     |
|----------|-------------------------------------------------------|----------|-----------------------------------------------------|
| <b>1</b> | 4.75mm (.187in) quick connect/solder; Ag, 5A 3)       | <b>3</b> | 1.19mm (.047in) PCB; Ag, 5A                         |
| <b>4</b> | 2.79mm (.110in) quick connect/solder; Ag, 5A          | <b>5</b> | 4.75mm (.187in) quick connect/solder; AgCdO, 10A 3) |
| <b>7</b> | 1.19mm (.047in) PCB; AgCdO, 10A                       | <b>9</b> | 2.79mm (.110in) quick connect/solder; AgCdO, 10A    |
| <b>P</b> | 4.75mm (.187in) quick connect/solder; AgSnInO, 10A 3) | <b>S</b> | 1.19mm (.047in) PCB, AgSnInO; 10A                   |
| <b>U</b> | 2.79mm (.110in) quick connect/solder; AgSnInO, 10A 2) |          |                                                     |

3) 4 pole KUP with 4.75mm (.187in) terminals will not plug into sockets. Must use 2.79mm (.110) terminals for socket mounting.

**Au flashed contact option**

- Leave Blank** No Au flashing on contacts
- F** Optional Au flashing on contacts

**Coil voltage**

Coil code: please refer to coil versions table