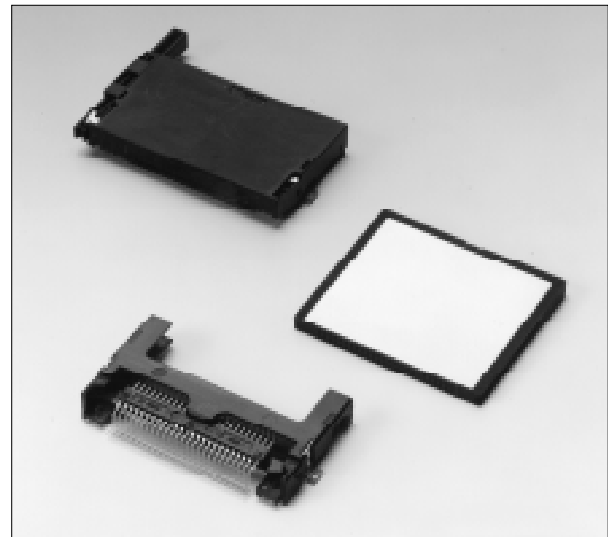


# COMPACT FLASH CARD CONNECTORS

## 560H SERIES (CFA COMPATIBLE)

### ■ FEATURES

- The connectors conform to the Compact Flash Association (CFA) specifications.
- The terminal of the plug is a 0.635 mm pitch, one-row, SMT type.
- Raised mounting type connectors (standoff), which allow mounting components under a connector, are also available.
- The ejector mechanism makes insertion and ejection of a card easier is available.
- There are two types of sockets for CFA cards: a straddle mount type and single-sided mounting type.



### ■ SPECIFICATIONS

| Item                         | Specification            |
|------------------------------|--------------------------|
| Operating temperature range  | -55° to +85 ° C          |
| Rated current                | 0.5A DC                  |
| Rated voltage                | 250V AC                  |
| Contact resistance           | 80mΩ max (DC 20mV, 10mA) |
| Insulation resistance        | 1000MΩ min., 500V DC,    |
| Dielectric withstand voltage | 500V DC                  |

### ■ PIN CONNECTOR (PLUG) CONTACT LENGTH

| Contact Type       | Pin no.       | Contact length      |
|--------------------|---------------|---------------------|
| Power, ground pins | 1, 13, 38, 50 | 4.98 mm (0.196 in.) |
| Card dection pins  | 25, 26        | 3.48 mm (0.137 in.) |
| Other signal pins  | Other         | 4.24 mm (0.167 in.) |

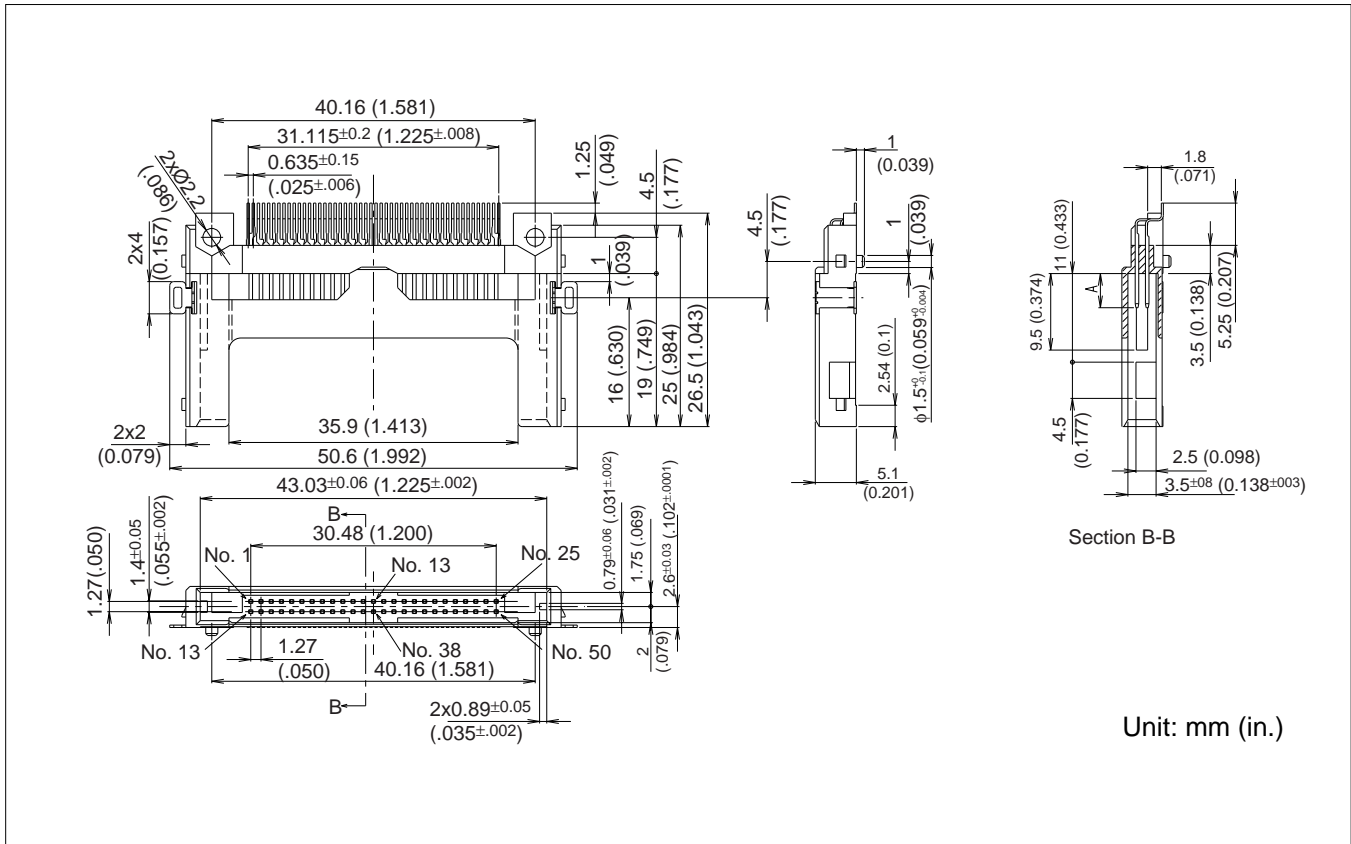
### ■ MATERIALS

| Item                | Material  |
|---------------------|---|
| Insulating material | Main body: PPS resin UL94V-0<br>Guide: PBT UL94V-0<br>Button: ABS UL94V-0 |
| Conductor           | Copper alloy  |
| Plating             | Contact: gold<br>Terminal: palladium                                      |

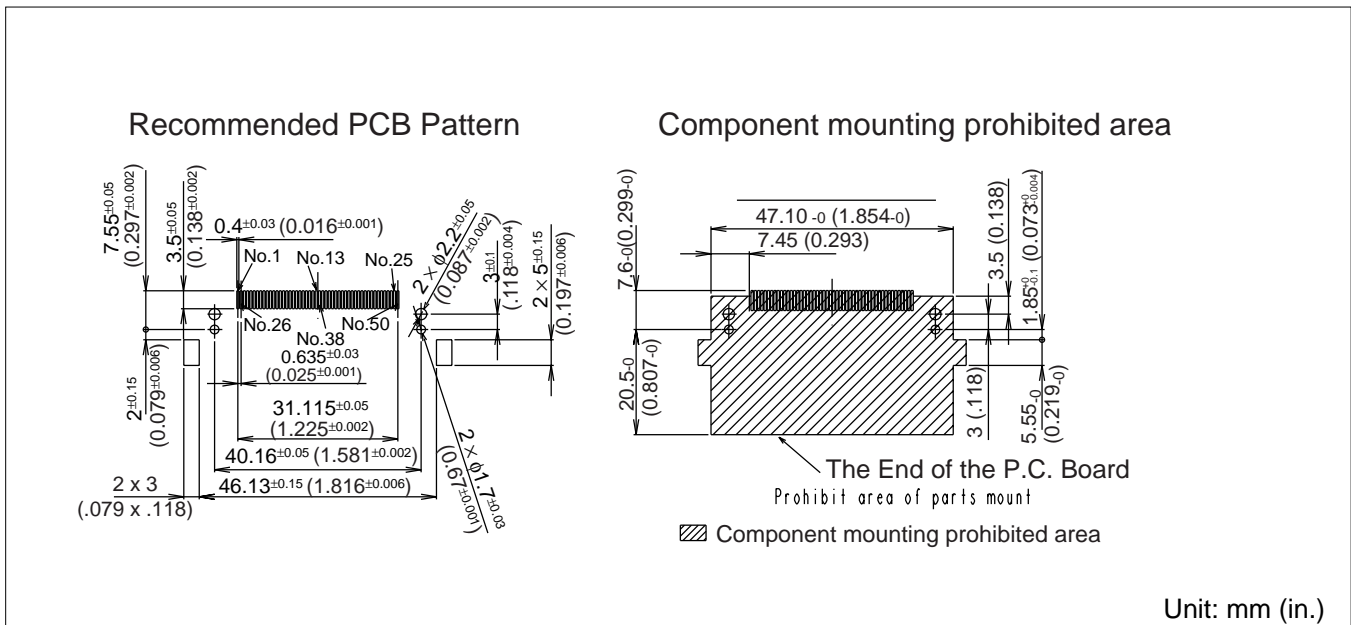
# 560H Series (Compact Flash Connector)

## RIGHT ANGLE PLUG, SMT TYPE (WITH NO EJECTOR)

### DIMENSIONS



### PC BOARD MOUNTING PATTERN (MOUNTING SIDE)



### ORDERING PART NUMBER

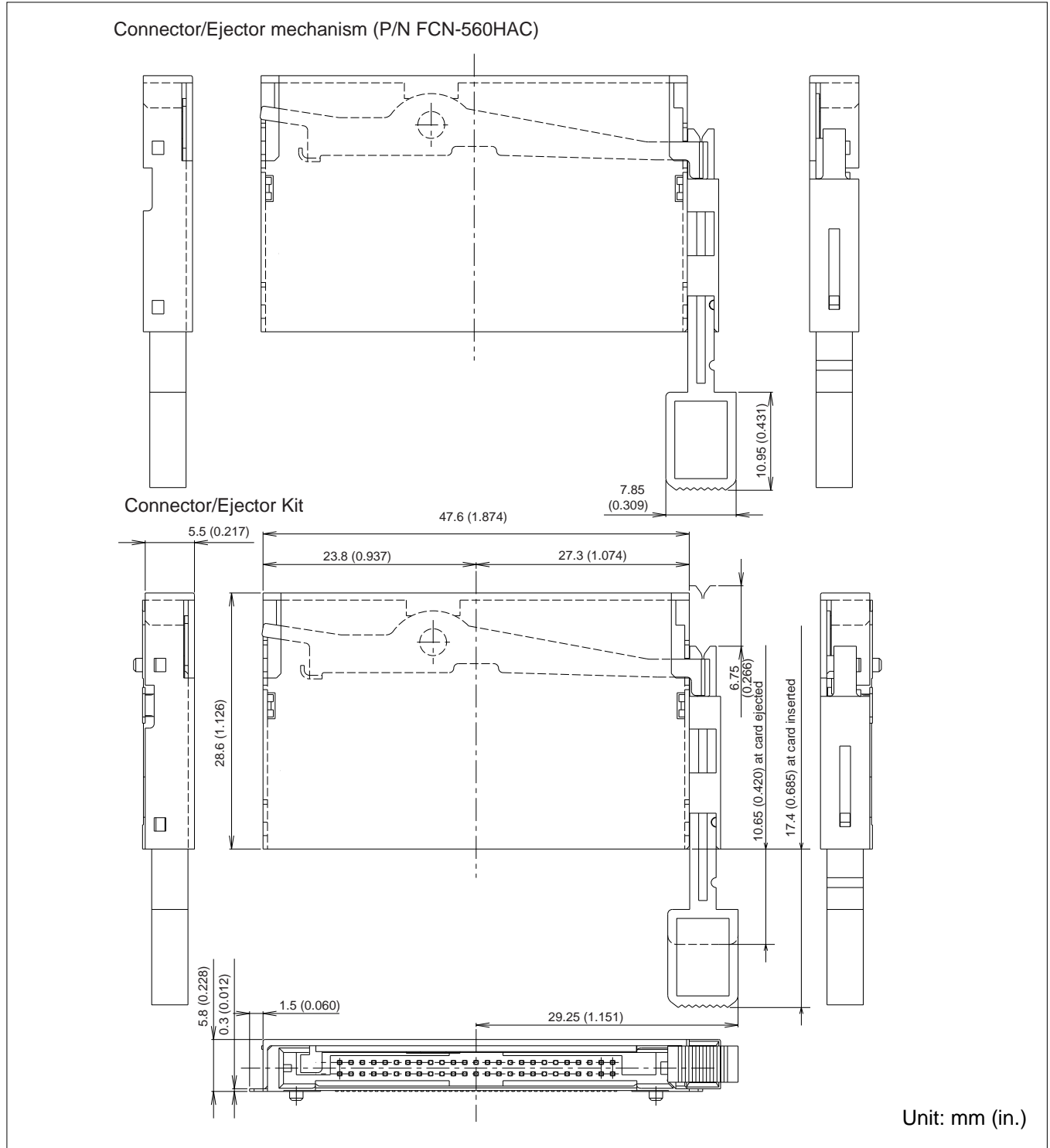
FCN-568H050-G/A1

For above connector with ejector mechanism see page 3.

# 560H Series (Compact Flash Connector)

## RIGHT ANGLE PLUG, SMT TYPE (WITH EJECTOR)

### ■ DIMENSIONS



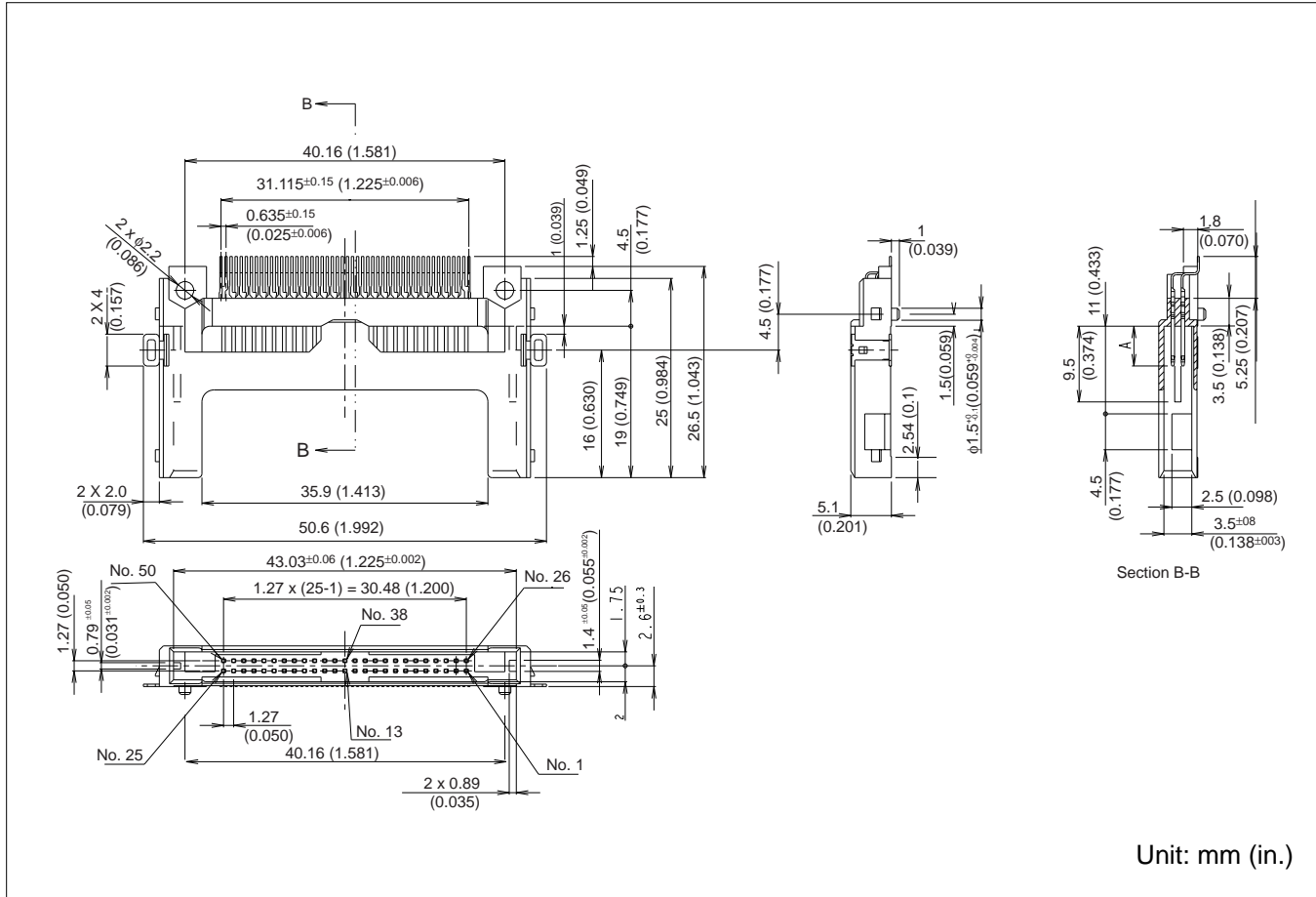
### ■ ORDERING PART NUMBER FOR CONNECTOR/EJECTOR KIT

FCN-568H050-G/A1AC

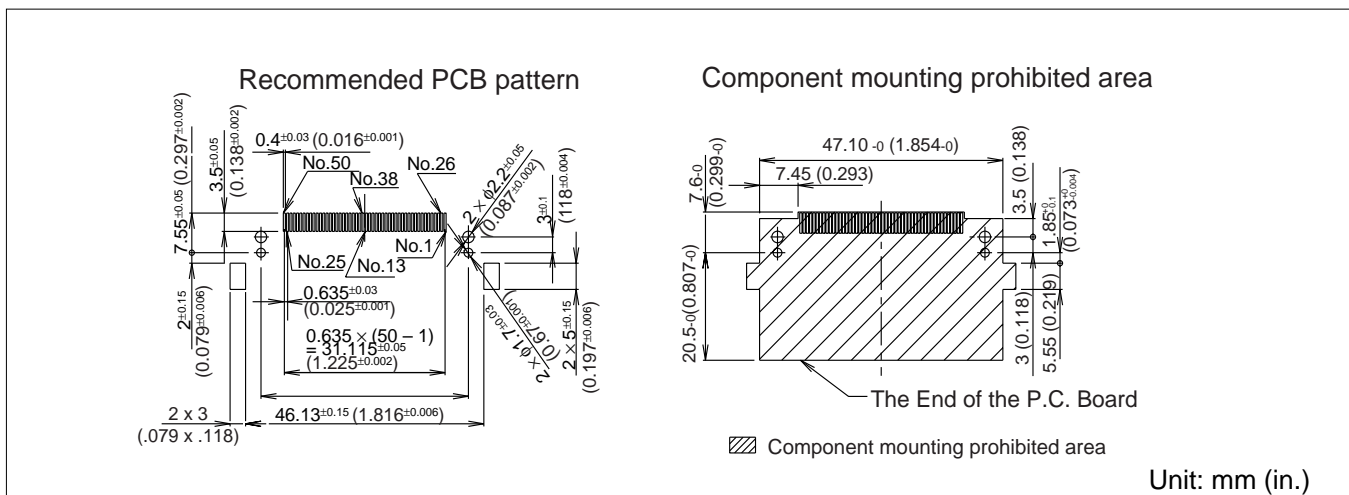
# 560H Series (Compact Flash Connector)

RIGHT ANGLE PLUG, SMT TYPE (WITH NO EJECTOR, TO BE MOUNTED ON BACK OF PC BOARD)

## DIMENSIONS



## PC BOARD MOUNTING PATTERN (MOUNTING SIDE)



## ORDERING PART NUMBER

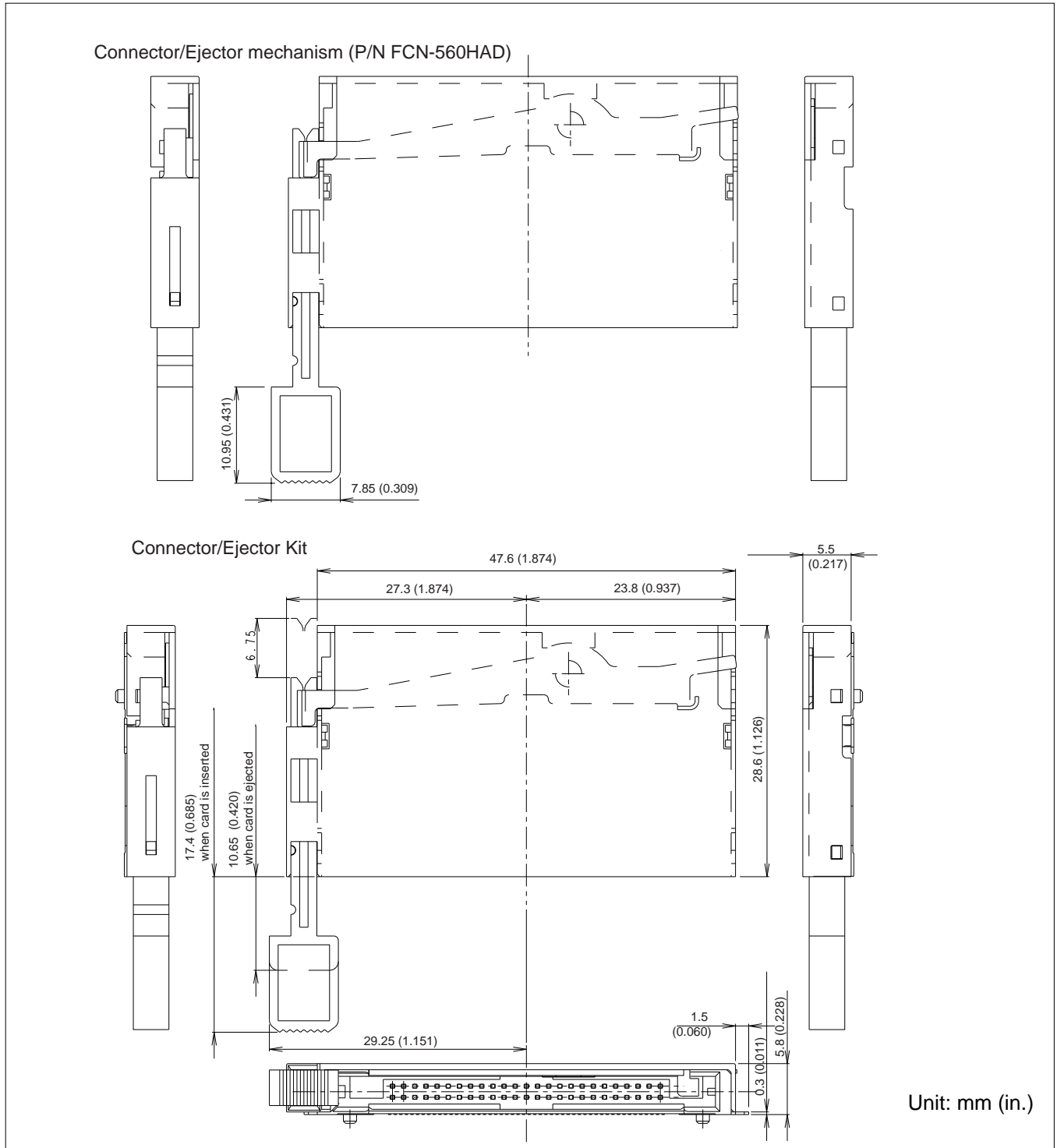
FCN-568H050-G/A2

For above connector with ejector mechanism see page 5.

# 560H Series (Compact Flash Connector)

RIGHT ANGLE PLUG, SMT TYPE (WITH EJECTOR, TO BE MOUNTED ON BACK OF PC BOARD)

## ■ DIMENSIONS



## ■ ORDERING PART NUMBER FOR CONNECTOR/EJECTOR KIT

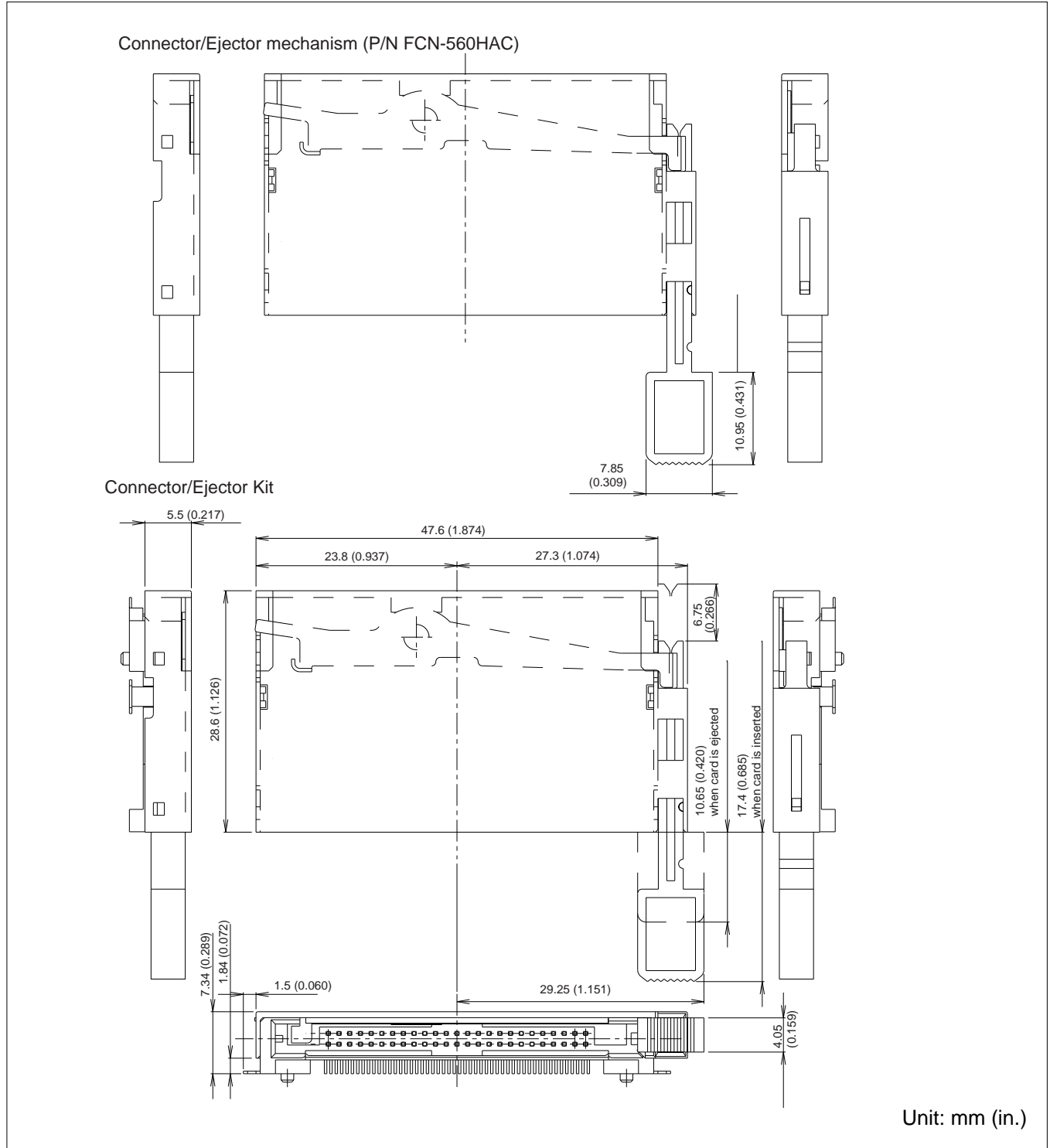
FCN-568H050-G/A2AD



# 560H Series (Compact Flash Connector)

RIGHT-ANGLE PLUG, SMT TYPE (WITH EJECTOR, 1.64mm (0.065 in.) RAISED TYPE)

## ■ DIMENSIONS



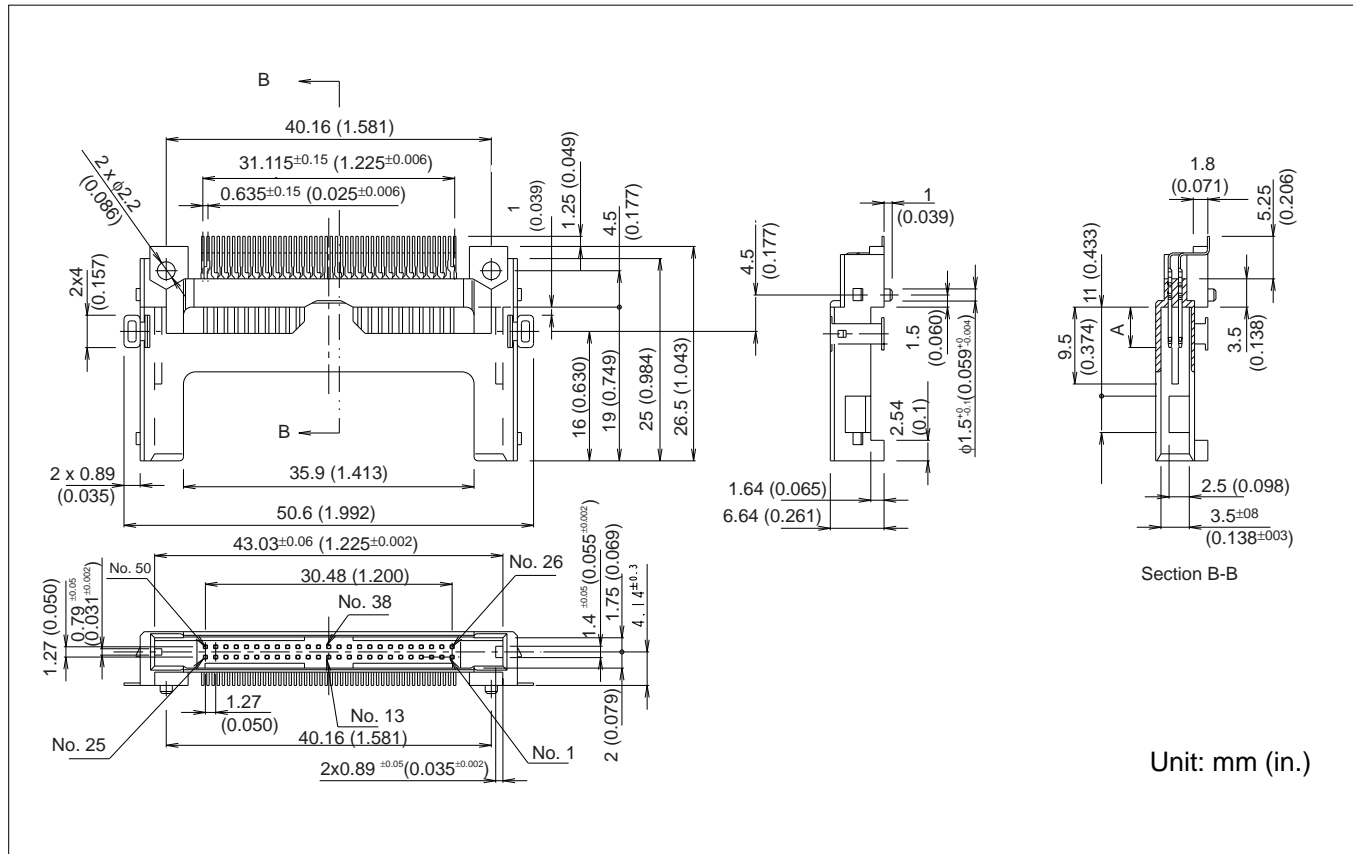
## ■ ORDERING PART NUMBER FOR CONNECTOR/EJECTOR KIT

FCN-568H050-G/A3AC

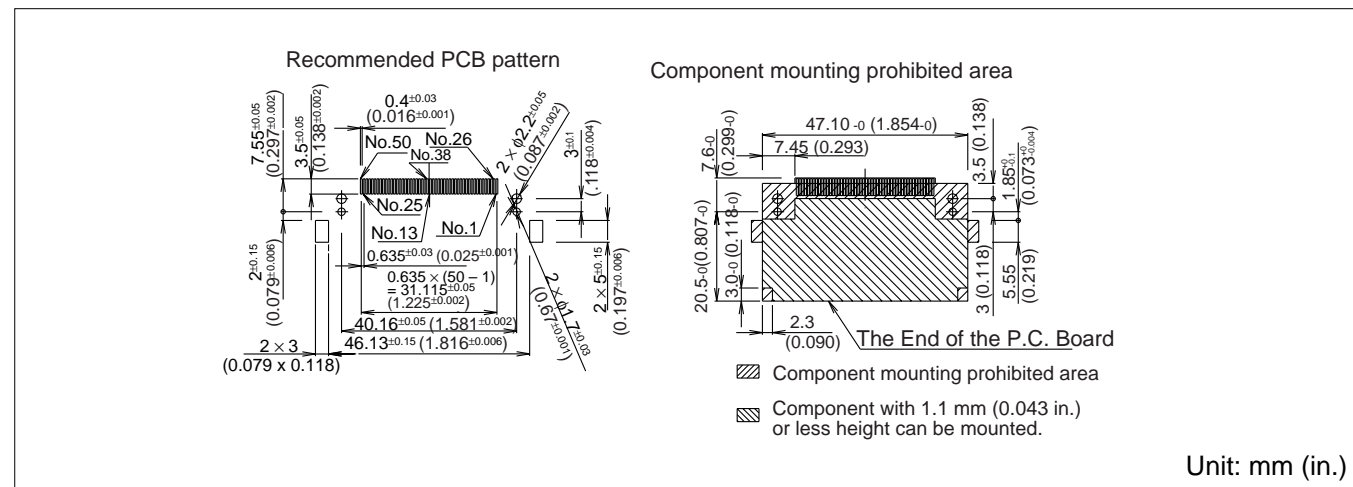
# 560H Series (Compact Flash Connector)

RIGHT-ANGLE PLUG, SMT TYPE (WITH NO EJECTOR, 1.64mm (0.065) RAISED TYPE, TO BE MOUNTED ON BACK OF PC BOARD)

## DIMENSIONS



## PC BOARD MOUNTING PATTERN (MOUNTING SIDE)



## ORDERING PART NUMBER

FCN-568H050-G/A4

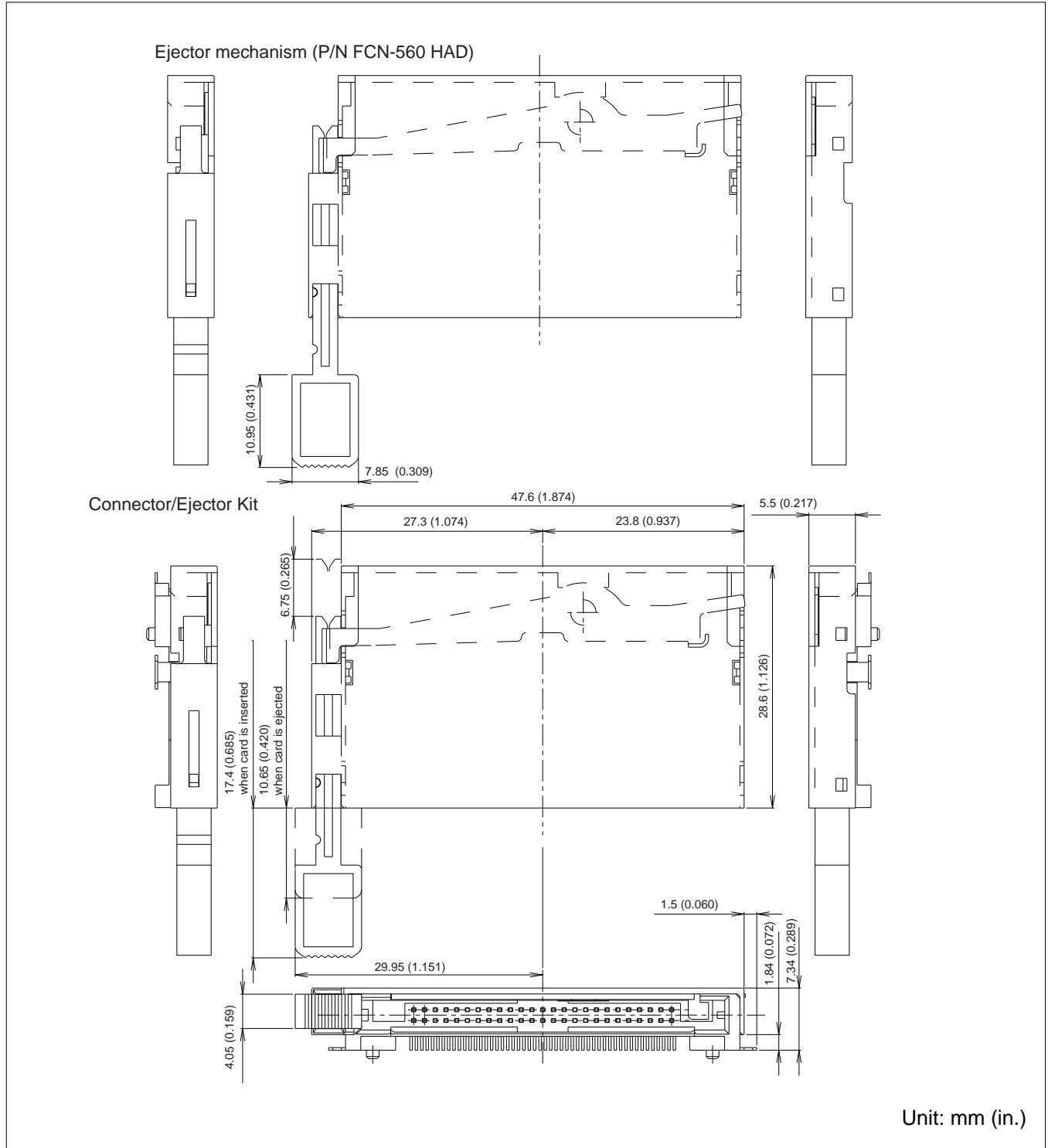
For above connector with ejector mechanism see page 9.



# 560H Series (Compact Flash Connector)

RIGHT-ANGLE PLUG, SMT TYPE (WITH EJECTOR, 1.64mm (0.065 in.) RAISED TYPE, TO BE MOUNTED ON BACK OF PC BOARD)

## ■ DIMENSIONS

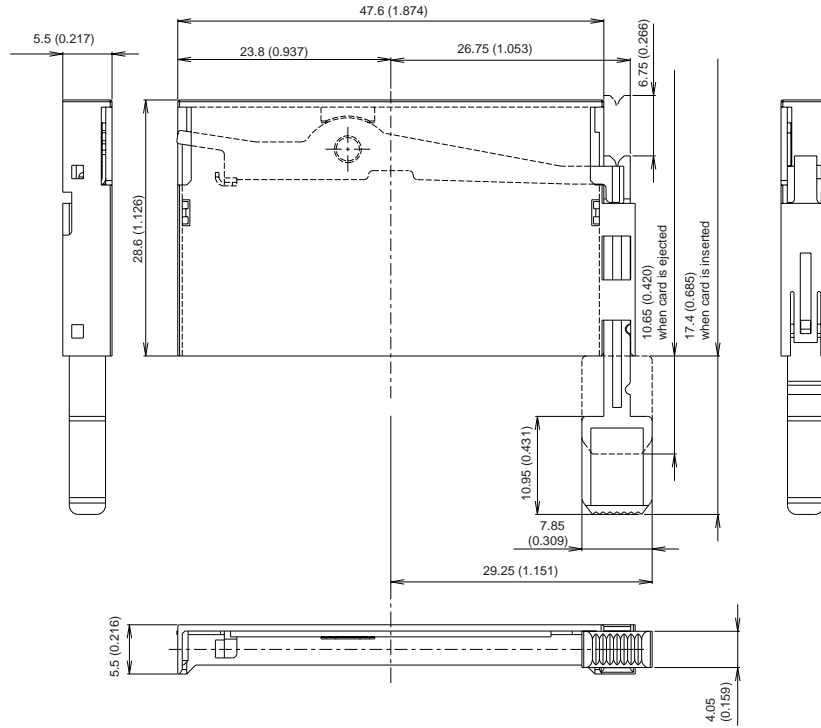


## ■ ORDERING PART NUMBER

FCN-568H050-G/A4AD

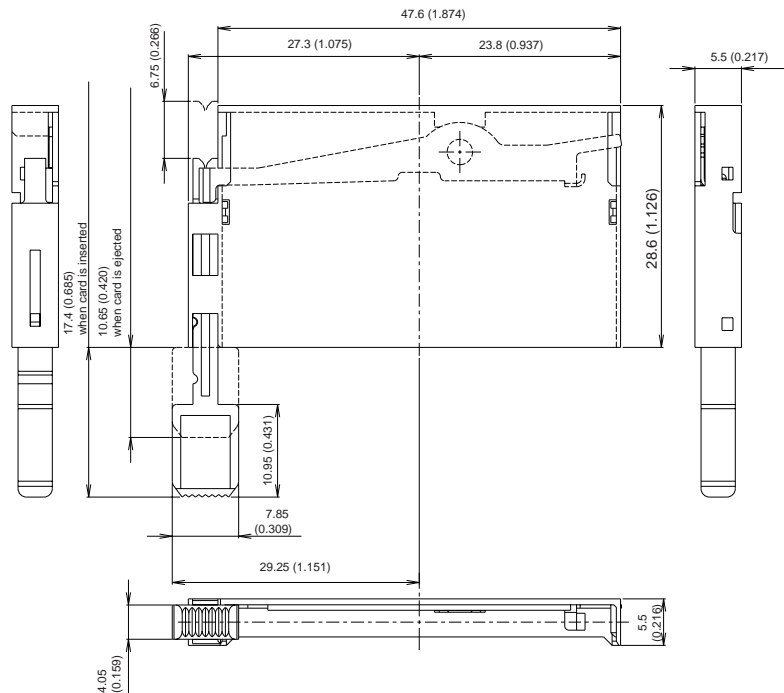
# 560H Series (Compact Flash Connector)

FCN-560H Series Connector PLUG (Guide)



Part No: FCN-560HAC

FCN-560 Series Connector PLUG (GUIDE)



Part No: FCN-560HAD

# 560H Series (Compact Flash Connector)

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