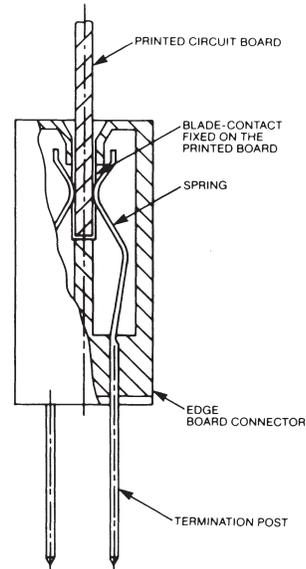
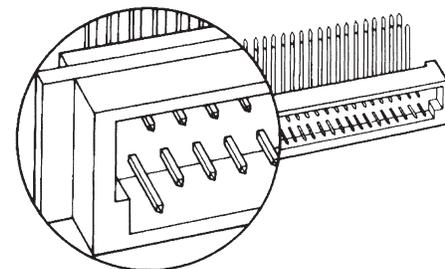
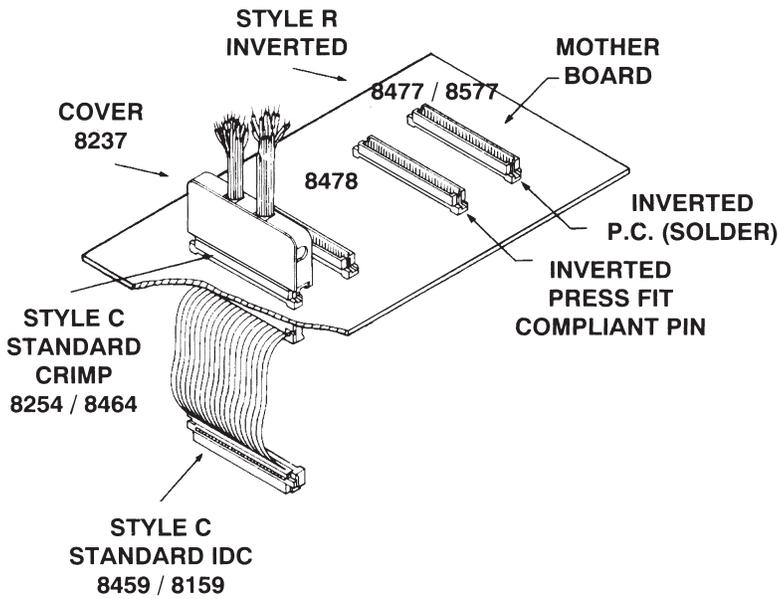


**DIN 41612 (EN60603-2)  
Two Piece Connector**



**Standard Card Edge Connector**

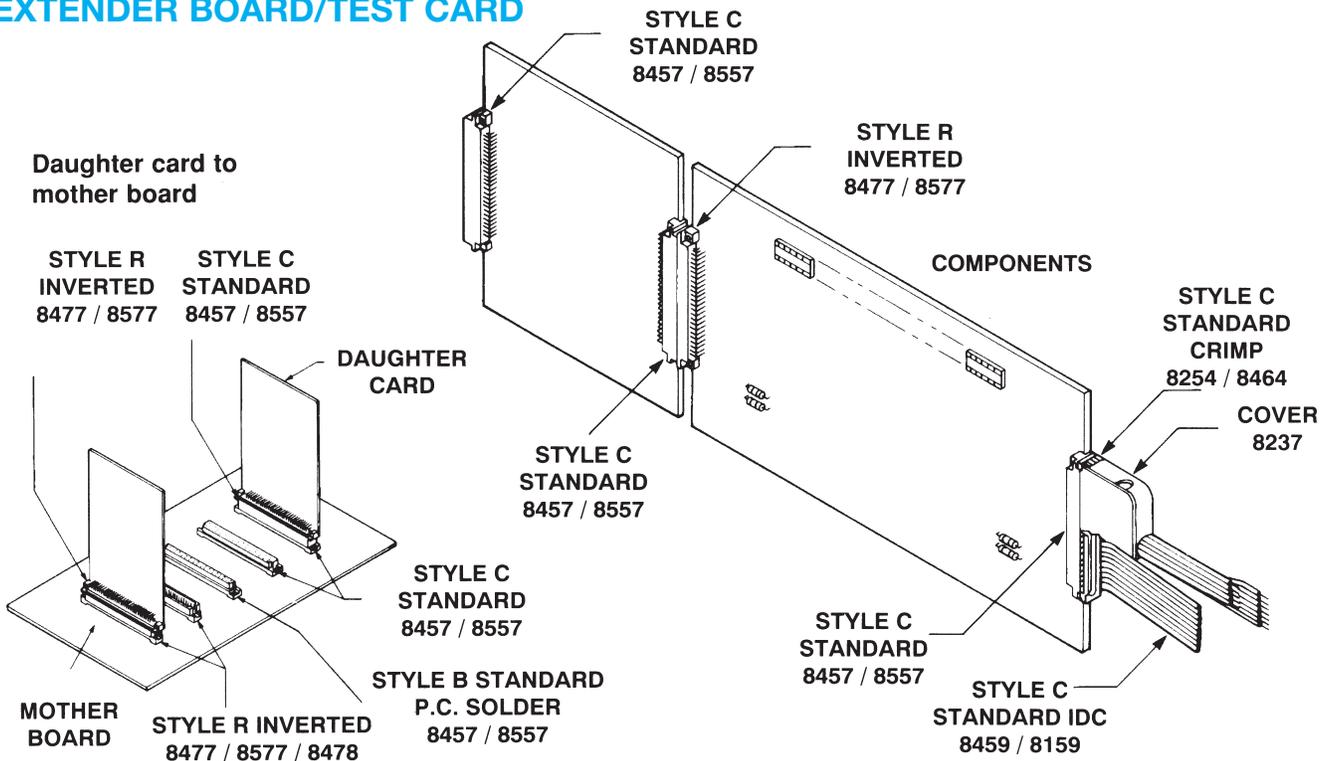
## MAKE-GROUND-BEFORE-SIGNAL CONTACTING SEQUENCE



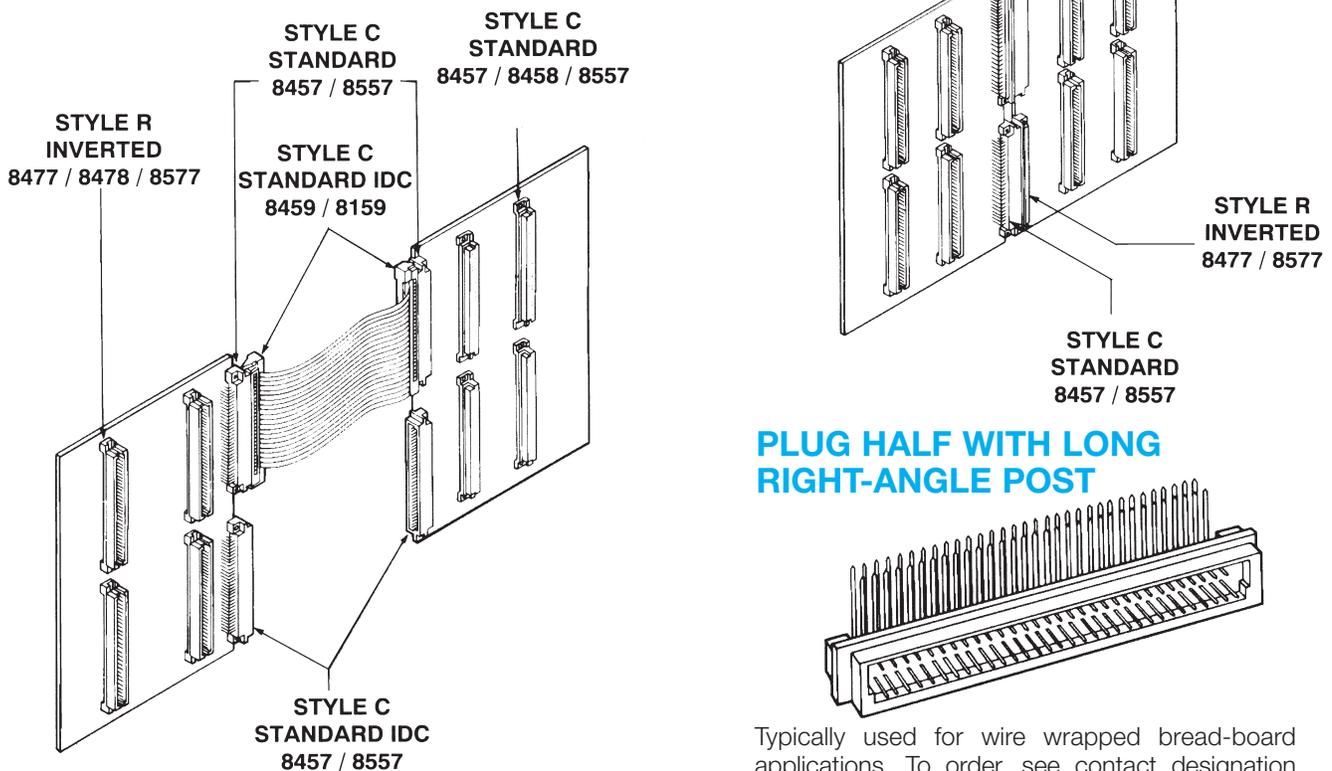
Standard Mating length is 4.8-5.0mm  
Ground Pins are 0.8mm longer

To order this feature, see  symbol in loading description code for each header connector series.

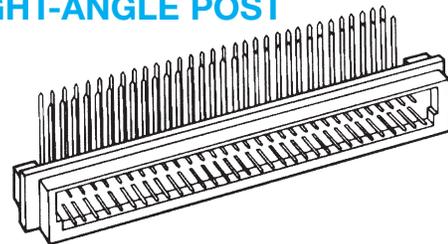
## EXTENDER BOARD/TEST CARD



## MOTHER BOARDS IN TANDEM

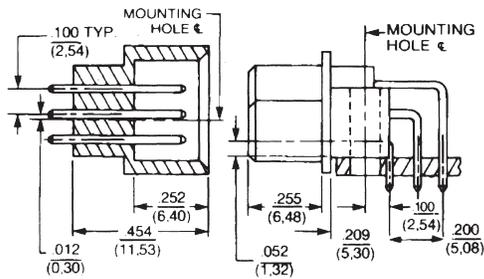


## PLUG HALF WITH LONG RIGHT-ANGLE POST

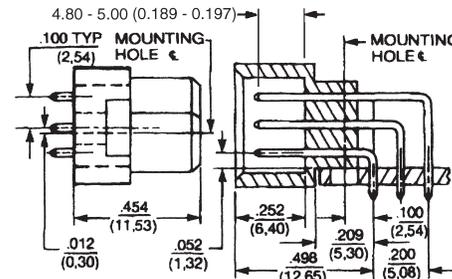


Typically used for wire wrapped bread-board applications. To order, see contact designation code for each pin connector series.

## TYPICAL MOUNTING DIMENSIONS



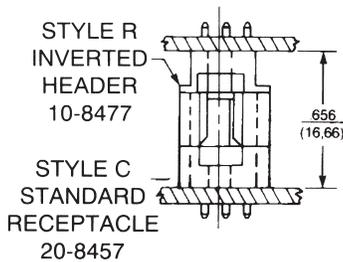
**Style R**  
**Inverted**  
**8477/8478/8577**



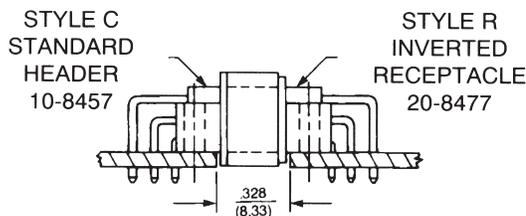
**Style C**  
**Standard**  
**8457/8458/8557**

## BOARD-TO-BOARD MOUNTING DIMENSIONS

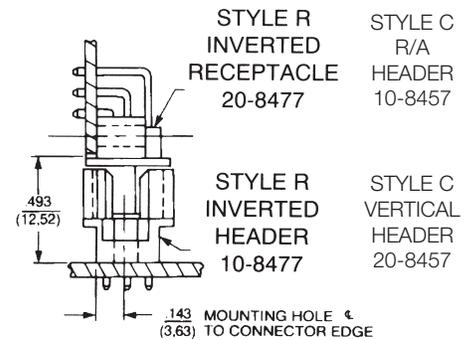
### Parallel



### Card Extender



### Daughter Card to Mother Board



## APPROVALS

The DIN line is approved against all important standardization systems.

**DIN 41612/**  
**DIN-EN60603-2**

German "Deutsches Institut für Normung" standards

**IEC603-2**

Industrial Electrical Code

**MIL-C-55302**

(DESC military specification)

**BS 9000**

(British Post Office Standard)

**BT**

(British Telecom)

**NFC 93.420**

**PTT**

**UTE C 93.420**

(Switzerland, Italy, Spain)

UL File # E189169

2521	8447	8478	8557
8254	8457	8483	8577
8257	8458	8484	
8443	8459	8485	
8444	8477	8502	



CSA File # LR 108833

8254	8453	8459	8487
8443	8454	8464	8484
8444	8456	8477	8488
8447	8457	8478	8557
8448	8458	8483	8577



## KEYING

This keying system has been developed in order to avoid the insertion of daughter boards into the wrong slot of a card cage. Apart from the fact that the keying system is easy to handle it provides a very cost efficient solution and has the following advantages:

- No breaking-off plastic parts for keying purposes in plug or receptacle insulators.
- No tools required.
- Keying can be changed, keying mistakes can easily be corrected.
- Keys are supplied as handy strips carrying 12 keys. The needed number of keys is broken off the strip and put into the corresponding cavities of the male insulator. The balance of the keys (still on the strip) is inserted into the cavities of the keying system of the female insulator. The strip is then broken off. The version with keys on a strip is a considerable advantage against competitors' solutions using loose coding keys.
- Keying versatility (924 different positions).
- Compatible with leading manufacturers' products.
- Keys are available in white or red color.
- Styles B, C, D\*, E, Q, R and 1/2C are available.

## ORDERING CODES

Plastic keying strip, red           60 2427 30 74 12 000  
 Plastic keying strip, white       60 2427 30 14 12 000

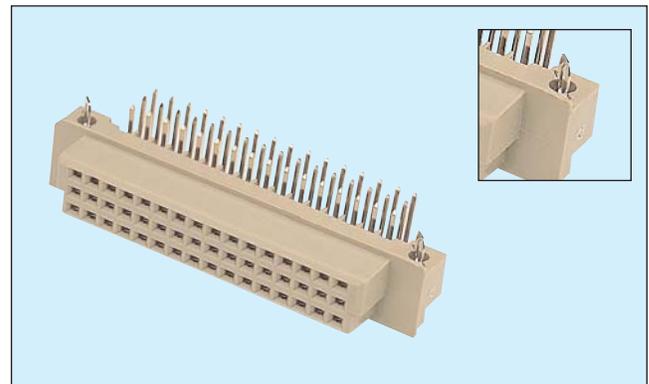
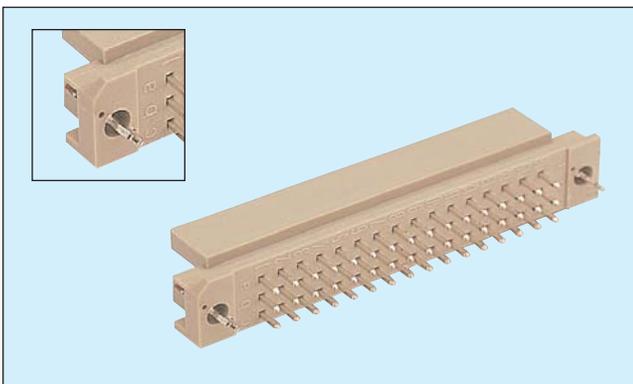
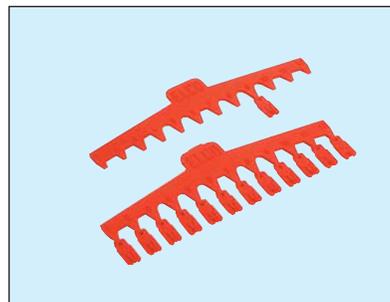
\*Style D square post .024 x .024 (0.6 mm x 0.6 mm) available with integrated keying.

## KEYING

Keying Strips provide positive daughter-board to backpanel keying for multi-position assemblies. Key tabs are easily removed with pliers. Part # 30-8267-9210

## BOARD RETENTION CLIPS

Available on DIN (right angle & straight, headers & receptacles)... Clips are installed at the factory. Board retention clips eliminate the need for mounting hardware. They are designed to hold the connector in place during soldering.

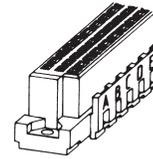


## HOW TO KEY

Both plug and receptacle insulators have keying cavities on top.

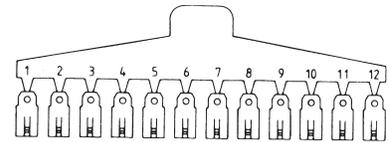
Picture 1

Marked by letters from A to M.



The keys attached to the strip fit into these cavities.

Picture 2



The keys are numbered 1-12.

**The keys 1, 2, 3, ..., 12 are inserted into the cavities A, B, C, ..., M.**

## INSTRUCTIONS FOR KEYING

### 1. Keying of the fixed connector

(receptacle for standard system, plug for inverted system)

Choose six cavities into which the keys shall be inserted. Break the related keys individually off the strip and insert them into the chosen cavities.

Picture 3      receptacle

Ex: 22 8457 096 ... ..

### 2. Keying of the free connector

(plug for standard system, receptacle for inverted system)

Insert the balance of the keys remaining attached to the strip into the belonging cavities and break off the strip.

Picture 4      plug

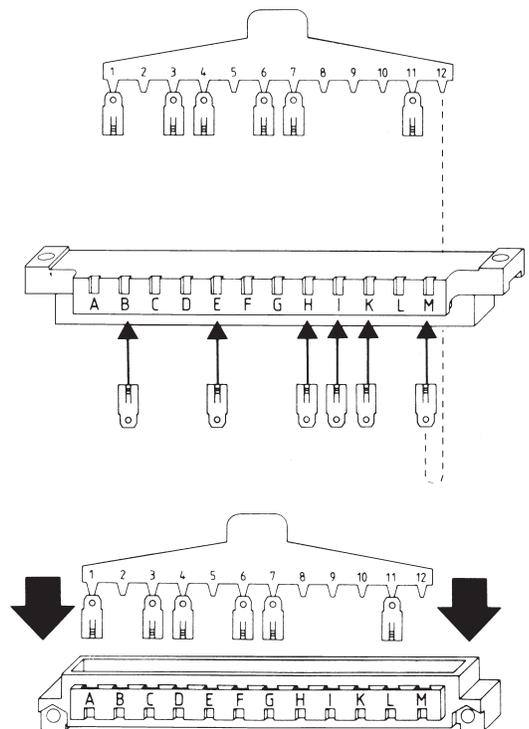
Ex: 12 8457 096 ... ..

We recommend 6 keys in each side of a pair of connectors. Including the example shown above, 924 different keying possibilities are available.

Subject to technical modifications.

Example for

standard system



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