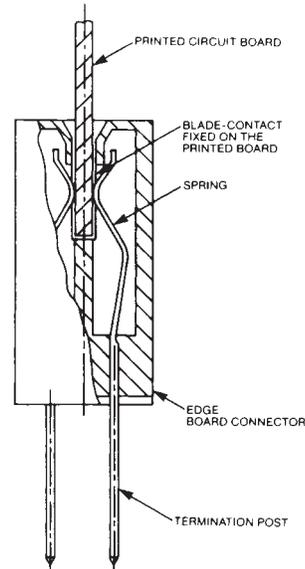
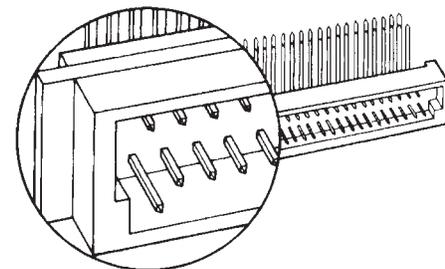
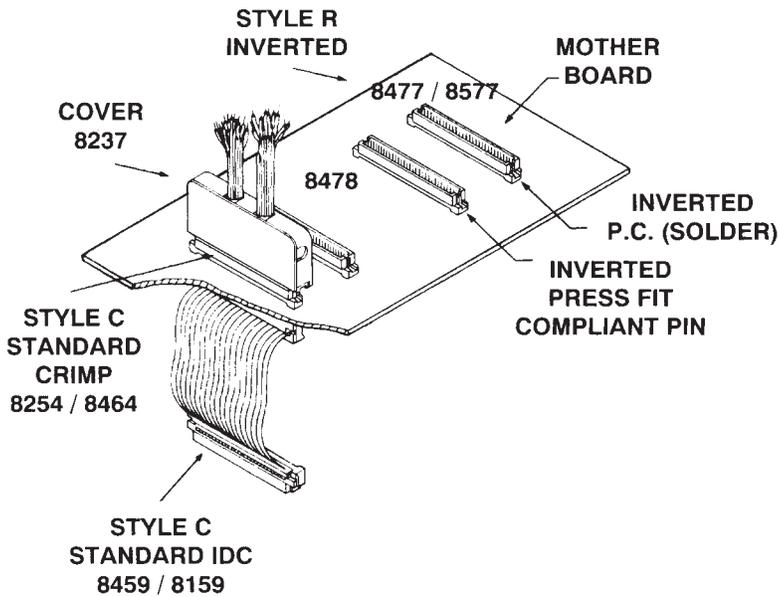


**DIN 41612 (EN60603-2)
Two Piece Connector**



Standard Card Edge Connector

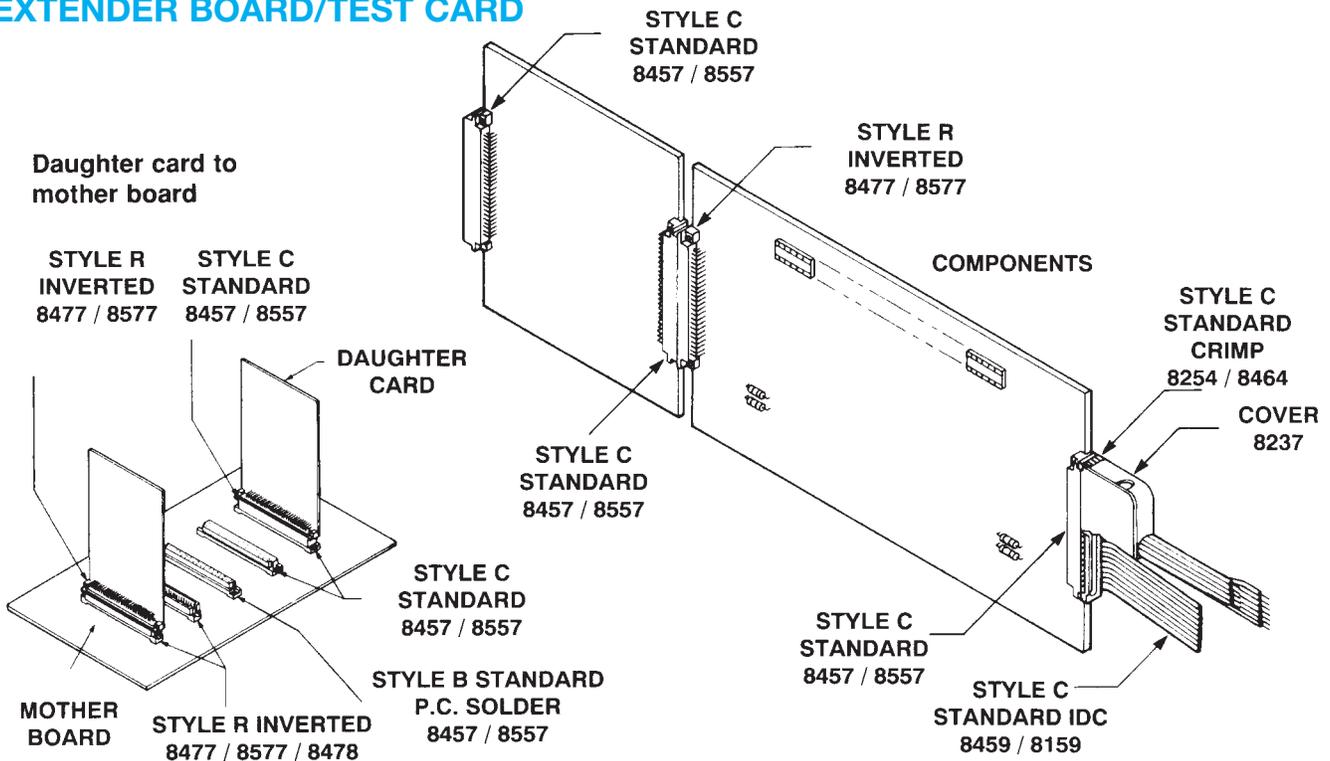
MAKE-GROUND-BEFORE-SIGNAL CONTACTING SEQUENCE



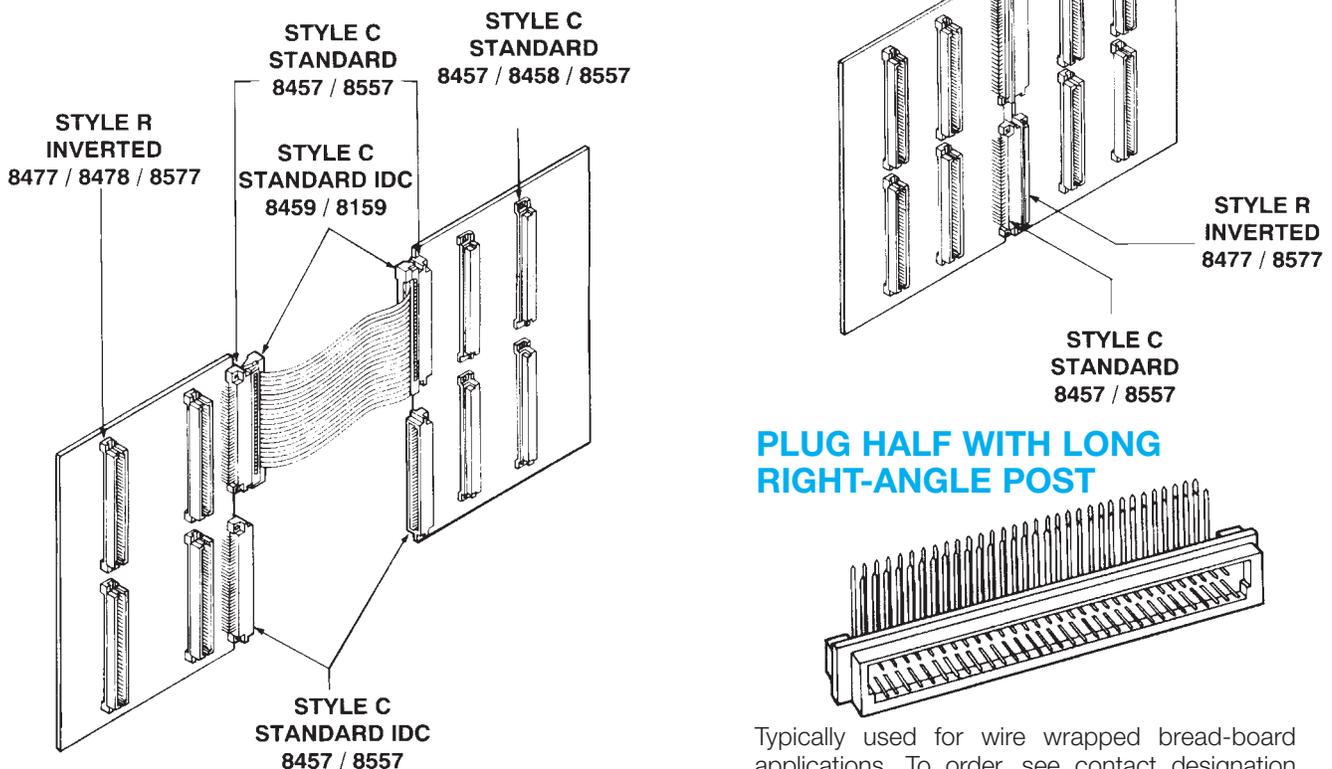
Standard Mating length is 4.8-5.0mm
Ground Pins are 0.8mm longer

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

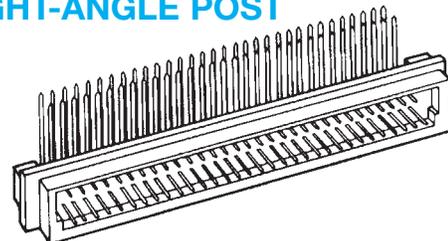
EXTENDER BOARD/TEST CARD



MOTHER BOARDS IN TANDEM

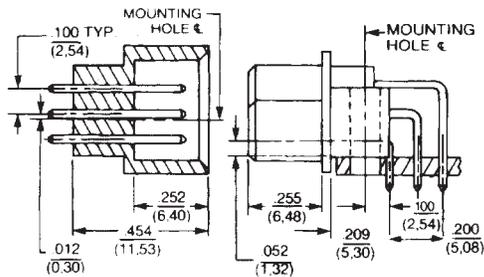


PLUG HALF WITH LONG RIGHT-ANGLE POST

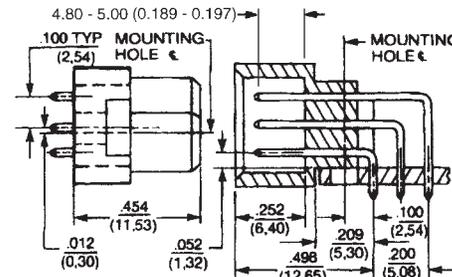


Typically used for wire wrapped bread-board applications. To order, see contact designation code for each pin connector series.

TYPICAL MOUNTING DIMENSIONS



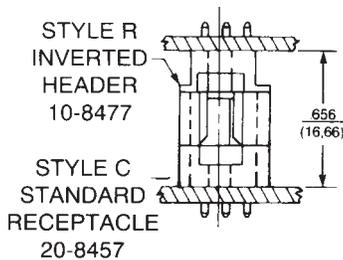
Style R
Inverted
8477/8478/8577



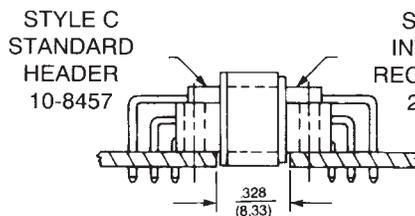
Style C
Standard
8457/8458/8557

BOARD-TO-BOARD MOUNTING DIMENSIONS

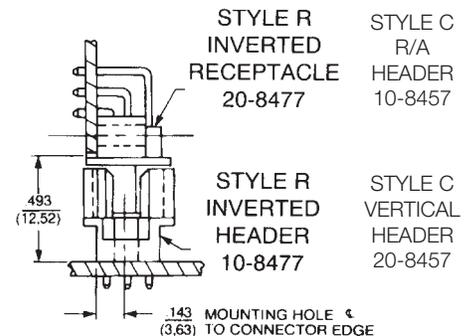
Parallel



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

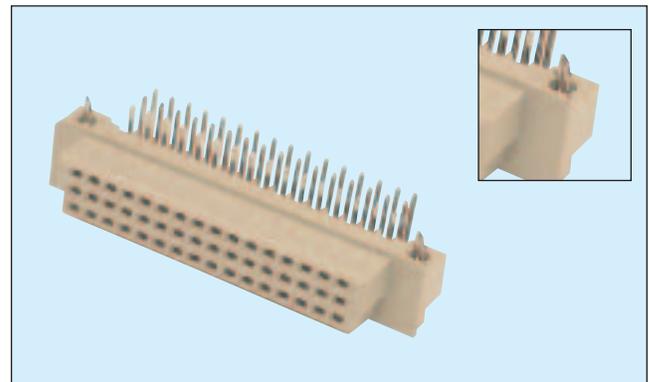
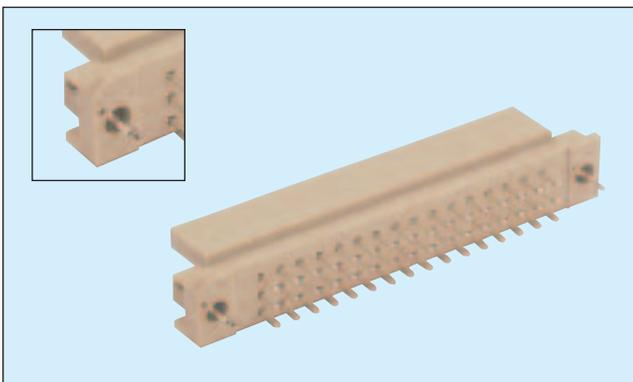
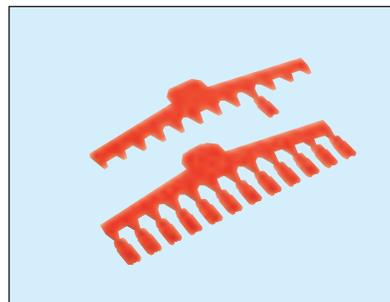
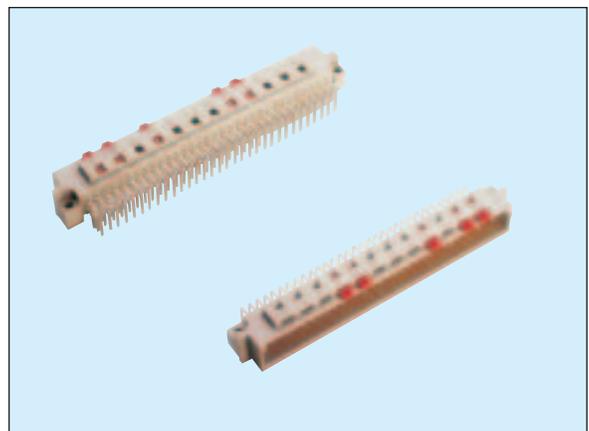
*Style D square post .024 x .024 (0.6 mm x 0.6 mm) available with integrated keying.

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.

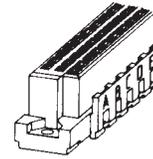


HOW TO KEY

Both plug and receptacle insulators have keying cavities on top.

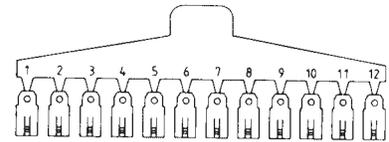
Picture 1

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

