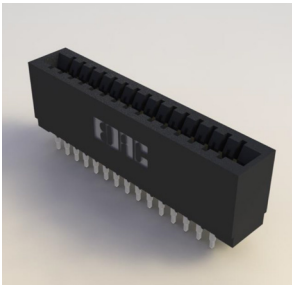


Press-Fit Card Edge Connectors 0.125”(3.18mm) Pitch

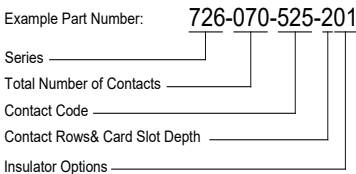
Features:

- 0.125”(3.18mm) contact spacing x 0.250”(6.35mm) row spacing
- Accepts 0.062”(1.57mm) nominal thickness P.C. board
- Low profile insulator body
- Press-Fit compliant section for gas tight reliable connection in plated through holes eliminates soldering operation
- Contact termination options include P.C. tail and 0.025”(0.64mm) square wire wrap
- Single or dual row configurations
- Accepts between contacts and in-contact polarizing keys
- Tools available for insulator and contact removal. Simple “flat rock” tooling is used for connector installation
- RoHS Compliant & UL Certified



Specifications:

|                                 |                                                                                             |
|---------------------------------|---------------------------------------------------------------------------------------------|
| Insulator Material              | Thermoplastic Polyester, UL 94V-0, Black Color                                              |
| Contact Material                | Copper Alloy                                                                                |
| Contact Plating                 | 30µ” Gold Plating on mating area and Tin Plating on tails with Nickel underplating all over |
| Current Rating                  | 3 amps                                                                                      |
| Dielectric Withstanding Voltage | 1500 V AC rms at sea level between adjacent contacts                                        |
| Insulation Resistance           | 5000 megohms minimum                                                                        |
| Operating Temperature           | -40°C to +105°C                                                                             |
| Insertion Force                 | 16 oz (4.45 N) maximum per contact pair when tested with .070” (1.78mm) thick gauge         |
| Withdrawal Force                | 1 oz (0.28 N) minimum per contact pair when tested with .054” (1.37mm) thick gauge          |
| Contact insertion into Hole     | 20 lbs (89 N) Maximum                                                                       |
| Contact Retention in Hole       | 10 lbs (44 N) Minimum                                                                       |
| Re-Insertability in same Hole   | 3 Times Minimum                                                                             |



Series:

726

Total Number of Contacts: Contact Rows:

005, 006, ..., 060 Single Row  
010, 012, ..., 120 Dual Row

| Contact Code: | Description: | Contact Point: | Tail Length "G": |
|---------------|--------------|----------------|------------------|
| 520           | P.C. Tail    | Regular Point  | .190 (4.83)      |
| 525           | P.C. Tail    | High Point     | .190 (4.83)      |
| 527           | P.C. Tail    | High Point     | .375 (9.53)      |
| 540           | Wire Wrap    | Regular Point  | .560 (14.22)     |
| 541           | Wire Wrap    | Regular Point  | .750 (19.05)     |
| 545           | Wire Wrap    | High Point     | .560 (14.22)     |
| 553           | Wire Wrap    | Medium Point   | .702(17.83)      |

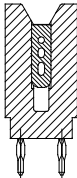
| Contact Rows: | Description:                        |
|---------------|-------------------------------------|
| 1             | Single Row, .420 (10.70) Slot Depth |
| 2             | Dual Row, .420 (10.70) Slot Depth   |

| Insulator Options: | Description:                  |
|--------------------|-------------------------------|
| 01                 | .550 (13.97) Full Height Ends |

IN-CONTACT  
POLARIZING KEY  
P/N 745-240-328

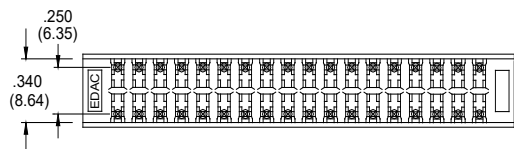
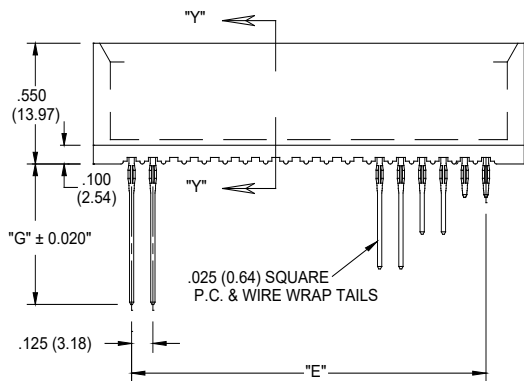
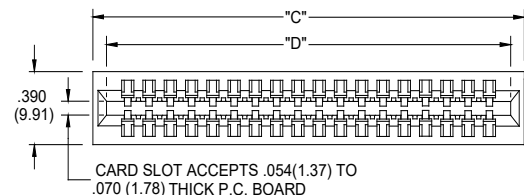


BETWEEN CONTACT  
POLARIZING KEY  
P/N 306-240-318

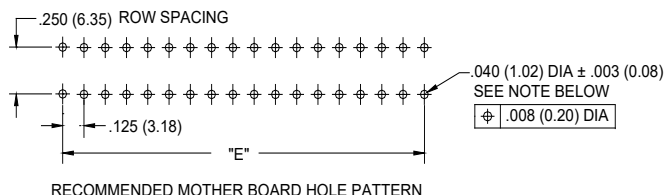
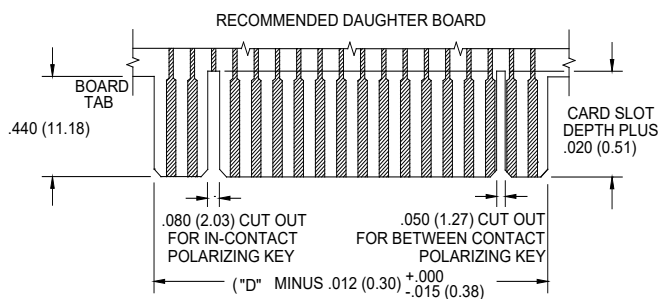
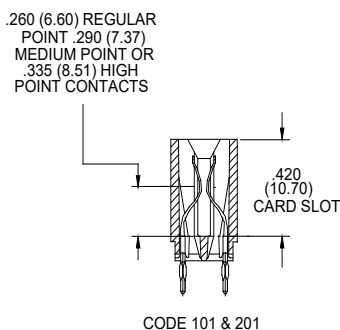


Ordering Code Notes:  
1) All connector sizes up to 60 contacts single row/ 120 contacts dual row are available upon request

## Press-Fit Card Edge Connectors 0.125"(3.18mm) Pitch



### SECTION "Y" - "Y" CONTACT ROWS & INSULATOR OPTIONS



TO OBTAIN OPTIMUM COMPLIANT SECTION PERFORMANCE,  
DRILL HOLES .0453 ± .001 (1.15 ± 0.03) DIAMETER  
COPPER PLATE, .001 (25.4 MICRONS) MINIMUM THICKNESS,  
FOLLOWED BY TIN PLATE TO PROVIDE FINISHED  
HOLES .040 ± .003 (1.02 ± 0.08) DIAMETER

Single Row Versions May Require  
Backup Springs Depending upon  
the Application.

| NUMBER OF CONTACTS |        | "C"   |        | "D"   |        | "E"   |        |
|--------------------|--------|-------|--------|-------|--------|-------|--------|
| Single             | Double | Inch  | mm     | Inch  | mm     | Inch  | mm     |
| 5                  | 10     | 0.910 | 23.11  | 0.750 | 19.05  | 0.500 | 12.70  |
| 6                  | 12     | 1.035 | 26.29  | 0.875 | 22.23  | 0.625 | 15.88  |
| 15                 | 30     | 2.160 | 54.86  | 2.000 | 50.80  | 1.750 | 44.45  |
| 18                 | 36     | 2.535 | 64.39  | 2.375 | 60.33  | 2.125 | 53.98  |
| 22                 | 44     | 3.035 | 77.09  | 2.875 | 73.03  | 2.625 | 66.68  |
| 25                 | 50     | 3.410 | 86.61  | 3.250 | 82.55  | 3.000 | 76.20  |
| 28                 | 56     | 3.785 | 96.14  | 3.625 | 92.08  | 3.375 | 85.73  |
| 30                 | 60     | 4.035 | 102.49 | 3.875 | 98.43  | 3.625 | 92.08  |
| 35                 | 70     | 4.660 | 118.36 | 4.500 | 114.30 | 4.250 | 107.95 |
| 36                 | 72     | 4.785 | 121.54 | 4.625 | 117.48 | 4.375 | 111.13 |
| 40                 | 80     | 5.285 | 134.24 | 5.125 | 130.18 | 4.875 | 123.83 |
| 43                 | 86     | 5.660 | 143.76 | 5.500 | 139.70 | 5.250 | 133.35 |
| 50                 | 100    | 6.535 | 165.99 | 6.375 | 161.93 | 6.125 | 155.58 |
| 60                 | 120    | 7.785 | 197.74 | 7.625 | 193.68 | 7.375 | 187.33 |

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