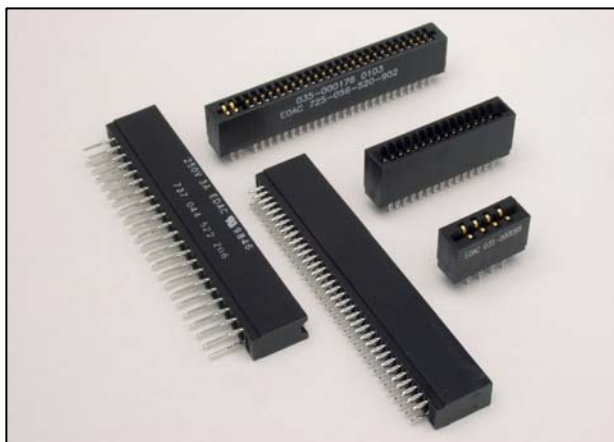


Press Fit Ultra-Mate Card Edge



745 - 100 - 520 - 2 06

Series ———
 Total # of Contacts ———
 Contact Code ———
 Contact Rows & Card Slot Depth ———
 Insulator Options ———

Series

745	.100" (2.54mm) contact spacing
746	.125" (3.18mm) contact spacing
737	.156" (3.96mm) contact spacing
725	.100" (2.54mm) contact spacing - low profile
717	.156" (3.96mm) contact spacing - low profile

Total Number of Contacts

Available as a single row or a dual row

Contact Code

Tail Length

520	P.C. Tail Regular Point	.175 (4.45)
522	P.C. Tail Regular Point	.375 (9.53)
525	P.C. Tail High Point	.175 (4.45)
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)
560	P.C. Tail Make Before Break	.175 (4.45)

* All contact codes do not match all series.

Contact Rows

1	Single Row, .515 (13.08) slot depth
2	Dual Row, .515 (13.08) slot depth
5	Single Row, .340 (8.64) slot depth
6	Dual Row, .340 (8.64) slot depth

Insulator Options

01	.645 (16.38) full height ends
06	.550 (13.97) notched ends



Ultra-Mate Card Edge Connector Tools

CONNECTOR INSTALLATION

Connectors received by the customer are ready for installation into the circuit board. The flat rock insertion technique requires a press and adequate support for the circuit board. Once the number of contacts to be pressed into the board together has been determined, the press tonnage should be calculated at approximately 30 pounds (134N) per contact. The support plate should be designed with clearance where the contact tails protrude through the underside of the board.

INSULATOR REMOVAL TOOL

- Part number 745-280-200 for use with 737 and 745 series connectors
- Part number 746-280-200 for use with 746 series connectors
- Tool latches under side steps of insulator and lifts insulator while leaving contacts firmly positioned in the circuit board



CONTACT REMOVAL TOOL

- Part number 745-280-300 for contact codes 520 and 525
- Part number 345-280-200 for all other contact codes
- Used for 737, 745 and 746 series
- Removes a contact from the circuit board after the insulator has been removed

CONTACT REMOVAL OR REPLACEMENT PROCEDURE

Using the insulator removal tool, lift the insulator up to remove it from the contacts. The contacts will be left standing firmly on the circuit board. Remove any contacts necessary. If replacement contacts are needed, assemble contacts into the appropriate position during re-assembly. Align the insulator with the contacts in the board and push it down until the new contacts are positioned over the holes. Using the flat rock installation technique, push the insulator and new contacts down into their final position.

