

## 阅读申明

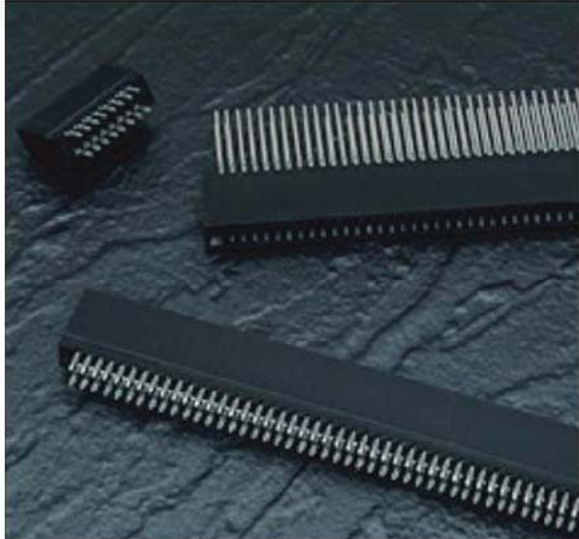
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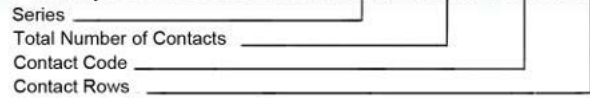
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# SERIES 717



## Example Part Number 717 - 044 - 520 - 206



### Series 717

Total Number of Contacts		Contact Rows
005, 006, .... 043		Single Row
010, 012, .... 086		Dual Row
Contact Code	Description & Contact Point	Tail Length "G"
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)
540	Wire Wrap Regular Point	.560 (14.22)
541	Wire Wrap Regular Point	.750 (19.05)
545	Wire Wrap High Point	.560 (14.22)
Contact Rows	Description	
106	Single Row	
206	Dual Row	

### Ordering Code Notes

- 1) All connector sizes up to 43 contacts single row / 86 contacts dual row are available upon request

## SPECIFICATIONS

Insulator Material: Thermoplastic Polyester, UL 94V-O.

Colour: Black

Contact Material: Copper, Nickel, Tin Alloy, Phosphor Bronze

Contact Plating: 30 Microinches (0.76 Microns) Gold on the Mating Area, Tin on the Compliant Section and Contact Tails, Nickel Underplate. Other Plating Options Available Upon Request

Current Rating: 3 Amperes Continuous

Contact Resistance: 10 Milliohms Maximum

Dielectric Withstanding Voltage: 1800 V AC rms at Sea Level Between Adjacent Contacts

Insulation Resistance: 5000 Megohms Minimum

Operating Temperature: -65 to +105 Degrees C

Daughter Board Insertion Force: 16oz (4.45N) Maximum per Contact Pair when Tested with a .070 (1.78) Thick Gauge

Daughter Board Withdrawal Force: 1 oz. (0.28N) Minimum per Contact Pair when Tested with a .054 (1.37) Thick Gauge

Contact Insertion Into Hole: 20lbs (89 N) Maximum

Contact Retention In Hole: 10lbs (44N) Minimum

Re-Insertability of Hole: 3 Times Minimum

## FEATURES

UL Recognized

.156 (3.96) Contact Spacing x .200 (5.08) Row Spacing

Accepts .062 (1.57) Nominal Thickness P.C. Board

High Profile Insulator Body, .550 (13.97)

Ultra-Mate Compliant Section for Gas-Tight Reliable Connection in Plated Through Holes Eliminates Soldering Operations

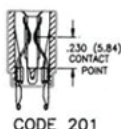
Contact Termination Options include P.C Tail and .025 (0.64) Square Wire Wrap

Single or Dual Row Configurations

Accepts Between and In-Contact Polarizing Keys

Tools Available for Insulator and Contact Removal. Simple "Flat Rock" Tooling is Used for Connector Installation

### Series 717



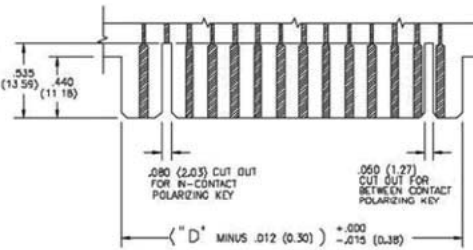
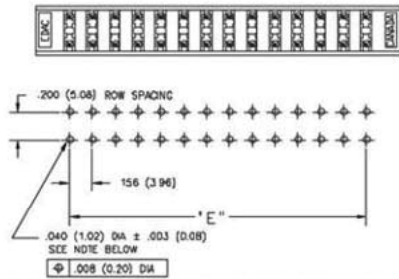
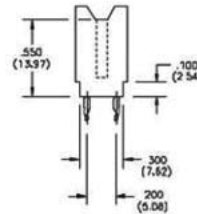
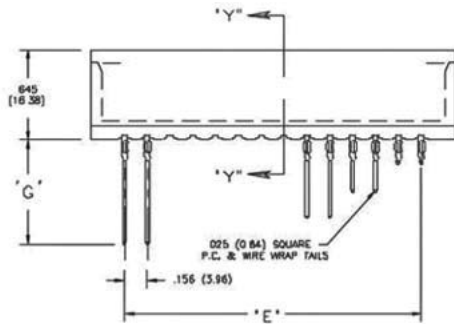
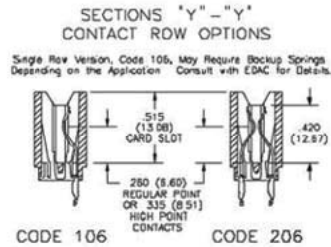
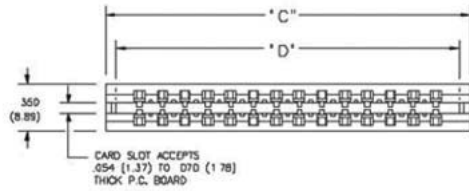
IN-CONTACT  
POLARIZING KEY

BETWEEN CONTACT  
POLARIZING KEY

P/N 745-240-328

P/N 306-240-318





RECOMMENDED MOTHER BOARD HOLE PATTERN

RECOMMENDED DAUGHTER BOARD

TO OBTAIN OPTIMUM COMPLIANT SECTION PERFORMANCE,  
DRILL HOLES D4S3 ± .001 (1.15 ± 0.03) DIAMETER  
COPPER PLATE, .501 (25.4 MICRONS) MINIMUM THICKNESS,  
FOLLOWED BY TIN PLATE TO PROVIDE FINISHED  
HOLES D4D ± .003 (1.02 ± 0.08) DIAMETER

NUMBER OF CONTACTS		"C"		"D"		"E"	
Single	Dual	Inch	(mm)	Inch	(mm)	Inch	(mm)
5	10	1.246	(31.65)	1.100	(27.94)	.780	(19.81)
6	12	1.402	(35.61)	1.256	(31.90)	.906	(23.77)
10	20	2.026	(51.46)	1.880	(47.75)	1.560	(39.62)
15	30	2.806	(71.27)	2.660	(67.56)	2.340	(59.44)
18	36	3.274	(83.16)	3.128	(79.45)	2.808	(71.32)
20	40	3.586	(91.08)	3.440	(87.38)	3.120	(79.25)
22	44	3.898	(99.01)	3.752	(95.30)	3.432	(87.17)
25	50	4.366	(110.90)	4.220	(107.19)	3.900	(99.06)
28	56	4.834	(122.78)	4.688	(119.08)	4.368	(110.95)
30	60	5.146	(130.71)	5.000	(127.00)	4.680	(118.87)
31	62	5.302	(134.67)	5.156	(130.98)	4.836	(122.83)
33	66	5.614	(142.60)	5.468	(138.89)	5.148	(130.76)
36	72	6.082	(154.48)	5.936	(150.77)	5.616	(142.65)
43	86	7.174	(182.22)	7.028	(178.51)	6.708	(170.38)

Dimensions of Other Connector Sizes are Listed