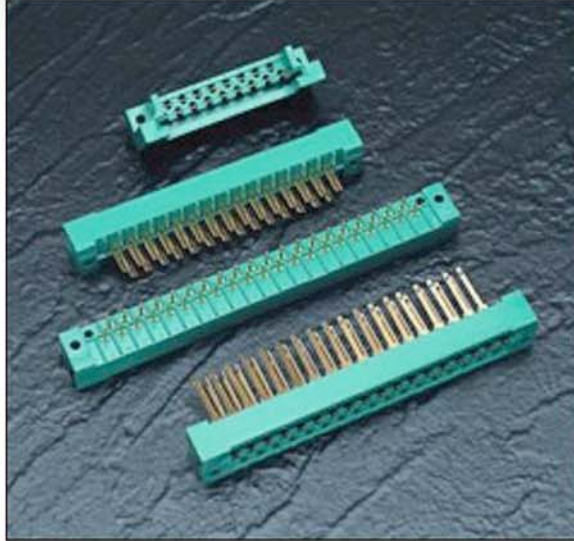




# SERIES 408/424



## FEATURES

.200 (5.08) Contact Spacing x .125 (3.18) or .150 (3.81) Row Spacing with Staggered Grid

Accepts .062 (1.57) or .093 (2.36) Nominal Thickness P.C. Board

Edacon Hermaphroditic Contact Mating Design

Contact Termination Options include: P.C. Tail, Fork Tail, Wire Hole and Wire Wrap

Open or Closed Card Slot Ends, Card Guides Optional

Accepts Polarizing Keys without Loss of Contact Position

408 Series without Card Guides Designed to mate with 421 Series, 408 Series with card Guides Designed to with 422 Series, 424 Series Designed to Mate with 423 Series

## SPECIFICATIONS

Insulator Material: Diallyl Phthalate, UL 94V-0

Colour: Green

Contact Material: Phospor Bronze Alloy CA-510

Contact Plating: Gold over Nickel for Entire Contact

Current Rating: 10 Amperes

Contact Resistance: 10 Milliohms Maximum

Dielectric Withstanding Voltage: 2000 V AC rms at Sea Level

Insulation Resistance: 5000 Megohms Minimum

Operating Temperature: -65 to +125 Degrees C

Insertion and Withdrawl Force: 2 to 16 oz (0.56 to 4.45 N) per Contact Position

## Example Part Number 424 - 041 - 500 - 112

Series \_\_\_\_\_  
 Total Number of Contacts \_\_\_\_\_  
 Contact Code \_\_\_\_\_  
 Card Slot Width and Mounting Options \_\_\_\_\_

**Series** \_\_\_\_\_ **Insulator Card Slot Ends**  
 408 \_\_\_\_\_ Closed Card Slot Ends  
 424 \_\_\_\_\_ Open Card Slot Ends per Mil-C-21097

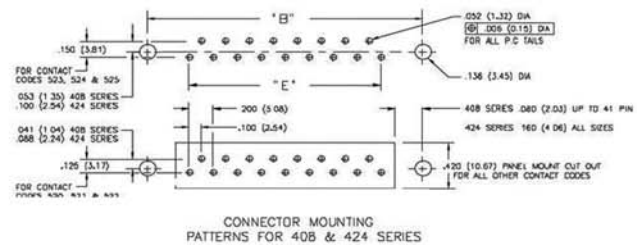
**Total Number of Contacts** \_\_\_\_\_ 017, 023, 029, 035, 041

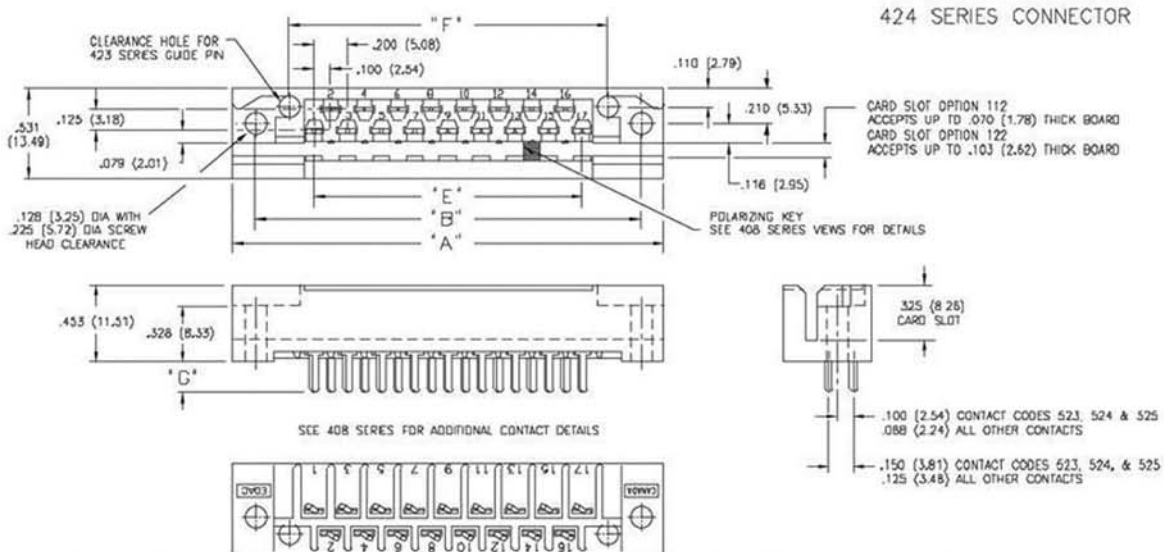
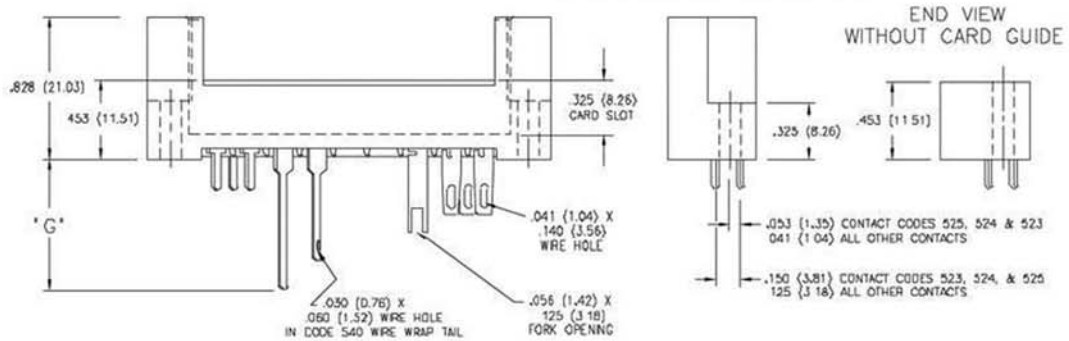
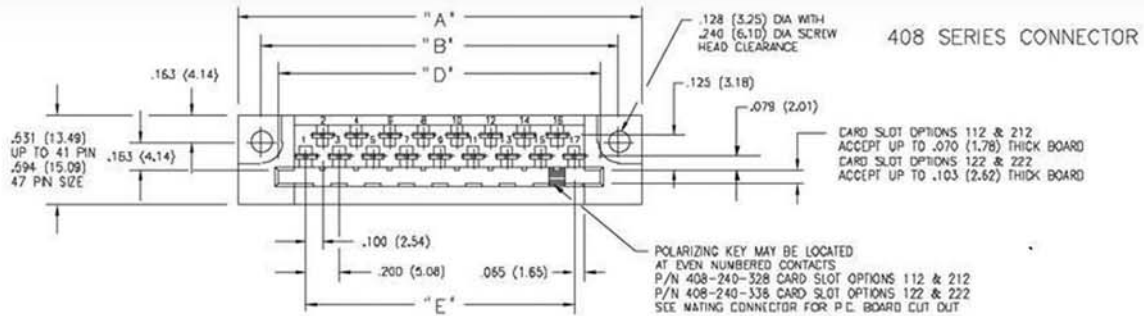
Contact Code	Description & Tail Size	Tail Length "G"
500	Wire Hole .115 x .025 (2.92 x 0.64)	.326 (8.28)
502	Fork Tail .115 x .025 (2.92 x 0.64)	.168 (4.27)
520	P.C. Tail .044 x .025 (1.12 x 0.64)	.123 (3.12)
521	P.C. Tail .044 x .025 (1.12 x 0.64)	.154 (3.91)
522	P.C. Tail .044 x .025 (1.12 x 0.64)	.186 (4.72)
523	P.C. Tail .044 x .025 (1.12 x 0.64)	.123 (3.12)
524	P.C. Tail .044 x .025 (1.12 x 0.64)	.154 (3.91)
525	P.C. Tail .044 x .025 (1.12 x 0.64)	.186 (4.72)
540	Wire Wrap .060 x .025 (1.52 x 0.64)	.744(18.90)
541	Wire Wrap .060 x .025 (1.52 x 0.64)	.744(18.90)
542	Wire Wrap .060 x .025 (1.52 x 0.64)	.965(24.51)

Card Slot Width and Mounting Options	Description
112 Accepts .062 (1.57) Board	.128 (3.25) Dia. Mounting Holes
122 Accepts .093 (2.36) Board	.128 (3.25) Dia. Mounting Holes
212 Accepts .062 (1.57) Board	.128 (3.25) Dia. Mounting Holes With Card Guides
222 Accepts .093 (2.36) Board	.128 (3.25) Dia. Mounting Holes With Card Guides

## Ordering Code Notes

- Contact Codes 523, 524 and 525 are designed for .150 (3.81) row spacing connectors
- Contact code 540 has a wire hole at the tip of the tail
- Mounting options 212 and 222 are available on the 408 series connectors only





NUMBER OF CONTACTS	"A"		"B"		"D"	"E"	"F"
	408	424	408	424	408	408, 424	424
	Inch (mm)	Inch (mm)	Inch (mm)	Inch (mm)	Inch (mm)	Inch (mm)	Inch (mm)
17	2.406 (61.11)	2.570 (65.28)	2.134 (54.20)	2.300 (58.42)	1.920 (48.77)	1.600 (40.64)	1.900 (48.26)
23	3.006 (76.35)	3.170 (80.52)	2.734 (69.44)	2.900 (73.66)	2.520 (64.01)	2.200 (55.88)	2.500 (63.50)
29	3.606 (91.59)	3.770 (95.76)	3.334 (84.68)	3.500 (88.90)	3.120 (79.25)	2.800 (71.12)	3.100 (78.74)
35	4.206 (106.83)	4.370 (111.00)	3.934 (99.92)	4.100 (104.14)	3.720 (94.49)	3.400 (86.36)	3.700 (93.98)
41	4.806 (122.07)	4.970 (126.24)	4.534 (115.16)	4.700 (119.38)	4.320 (109.73)	4.000 (101.60)	4.300 (109.22)