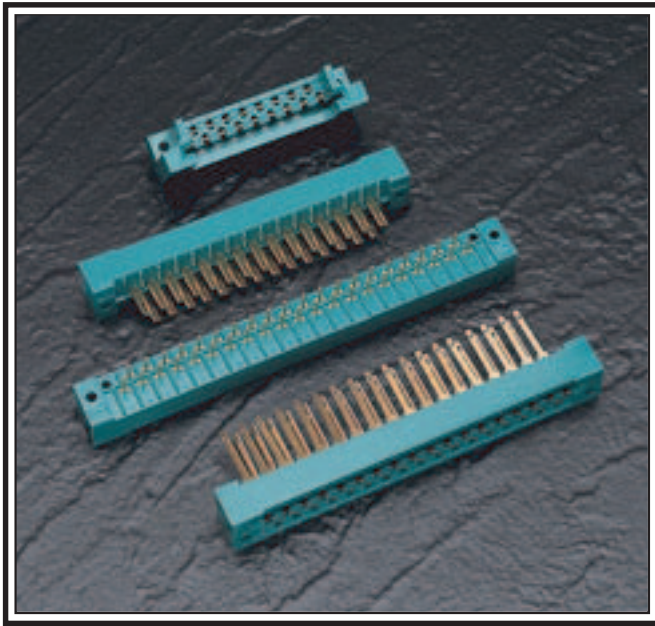


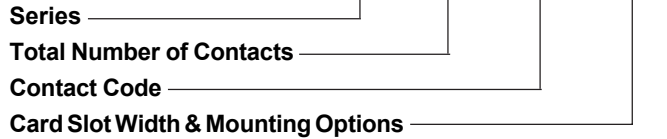
408/424 SERIES METAL TO METAL (TWO PIECE) CONNECTOR

Receptacle



408/424 SERIES ORDERING CODE

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



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 or 047

Contact Code ^{1,2}	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)
503	Fork Tail .115 x .025 (2.92 x 0.64)	.398(10.11)
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 ³	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

FEATURES

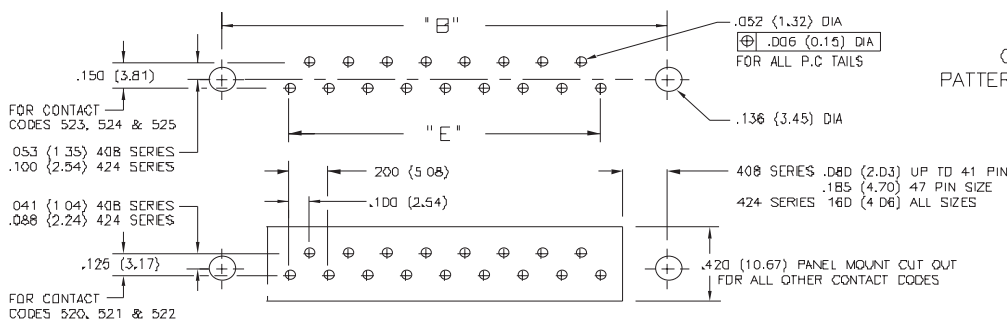
- .200 (5.08) Contact Spacing x .125 (3.18) or .150 (3.81) Row Spacing with Staggered Grid
- Accepts .062 (1.57) or .093 (2.36) Nominal Thickness P.C. Board
- Edacon Hermaphroditic Contact Mating Design
- Contact Termination Options include P.C. Tail, Fork Tail, Wire Hole and Wire Wrap
- Open or Closed 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 Mate with 422 Series, 424 Series Designed to Mate with 423 Series

SPECIFICATIONS

- ◆ Insulator Material: Polyphenylene Sulphide, UL 94V-0, Colour: Green
- ◆ Contact Material: Phosphor 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 +105 Degrees C
- ◆ Insertion and Withdrawal Force: 2 to 16 oz (0.56 to 4.45 N) per Contact Position

Ordering Code Notes

- 1) Contact codes 523, 524 and 525 are designed for .150 (3.81) row spacing connectors.
- 2) Contact code 540 has a wire hole at the tip of the tail (page 83).
- 3) Mounting options 212 and 222 are available on the 408 series connectors only.



CONNECTOR MOUNTING PATTERNS FOR 408 & 424 SERIES