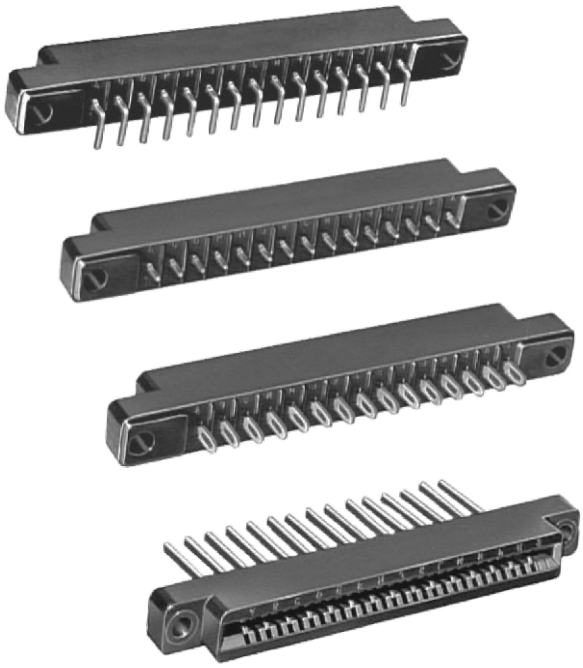
Edgeboard Connectors, Single Readout, Dip Solder, Eyelet and Wire Wrap™ Termination



FEATURES

- 0.156" (3.96 mm) C-C
- Modified tuning fork contacts have chamfered lead-in to reduce wear on printed circuit board contacts without sacrificing contact pressure and wiping action
- Accepts PC board thickness of 0.054" to 0.070" (1.37 mm to 1.78 mm)
- Polarization on or between contact positions in all sizes. Between contact polarization permits polarizing without loss of a contact position
- Polarizing key is reinforced nylon, may be inserted by hand, requires no adhesive
- Protected entry, provided by recessed leading edge of contact, permits the card slot to staighten and align the board before electrical contact is made. Prevents damage to contacts which might be caused by warped or out of tolerance boards
- Optional terminal configurations, including eyelet (type A), dip-solder (types B, C, D, R), Wire Wrap™ (types E, F)
- **Connectors with type A, B, C, D, or R contacts are recognized under the Component Program of Underwriters Laboratories, Inc. listed under file E65524, project 77CH3889**

ELECTRICAL SPECIFICATIONS

Current Rating: 5 A

Test Voltage Between Contacts:
At sea level: 1800 V_{RMS}
At 70 000 feet (21 336 meters): 450 V_{RMS}

Insulation Resistance: 5000 MΩ minimum (at 500 V_{DC} potential)

Contact Resistance: (voltage drop) 30 mV maximum at rated current with gold flash

PHYSICAL SPECIFICATIONS

Number of Contacts: 6, 10, 12, 15, 18, or 22

Contact Spacing: 0.156" (3.96 mm)

Card Thickness: 0.054" to 0.070" (1.37 mm to 1.78 mm)

Card Slot Depth: 0.330" (8.38 mm)

APPLICATIONS

For use with 0.062" (1.57 mm) printed circuit boards requiring an edgeboard type connector on 0.156" (3.96 mm) centers

MATERIAL SPECIFICATIONS

Body: Glass-filled phenolic per MIL-M-14, type MFH, black, flame retardant (UL 94 V-0)

Contacts: Copper alloy

Finish: 1 = Electro tin plated, 2 = Gold flash

Polarizing Key: Glass-filled nylon

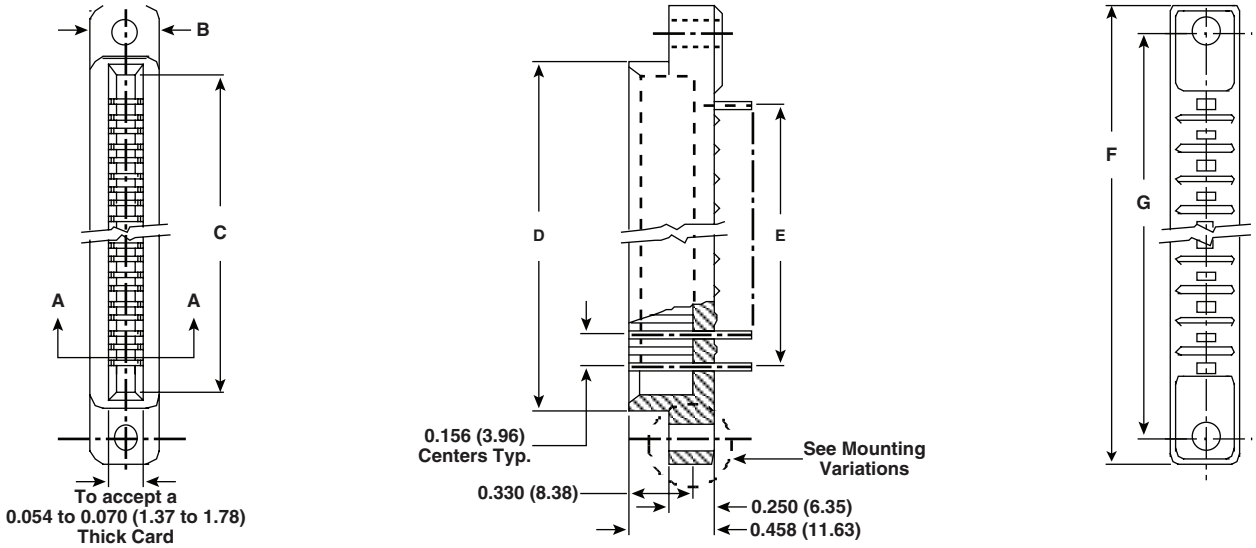
Optional Threaded Mounting Insert: Nickel plated brass (Type Y)

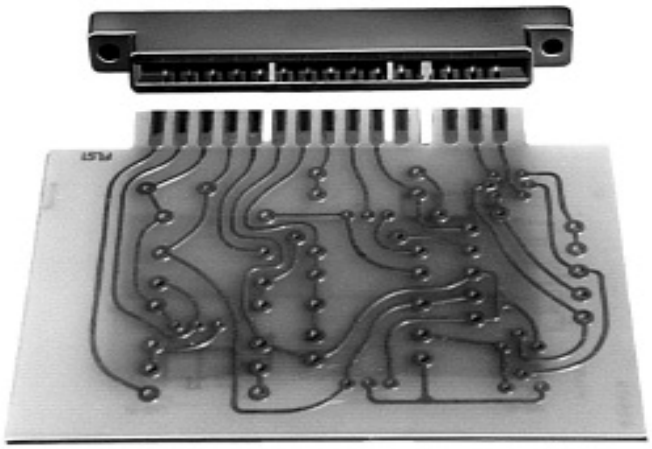
Optional Floating Mounting Bushing: Cadmium plated brass (Type Z)

ORDERING INFORMATION

EBT156	10	A	1	X	A, J	A9, J9
MODEL	CONTACTS	STANDARD TERMINAL VARIATIONS	CONTACT FINISH	MOUNTING VARIATIONS	BETWEEN CONTACT POLARIZATION	ON CONTACT POLARIZATION
	6, 10, 12, 15, 18, or 22	A, B, C, D, E, F, or R	1 = Electro tin plated 2 = Gold flash	W, X, Y, or Z		Required **only** when polarizing key(s) are to be **factory installed**. Polarization key replaces contact. When polarizing key(s) replaces contact(s), indicate by adding suffix "9" to contact position(s) desired. Example: **A9, J9** means keys replace terminals **A and J**
			Required **only** when polarizing key(s) are to be **factory installed**. Polarization key positions: Between contact polarization key(s) are located to the right of the contact position(s) desired. Example: **A, J** means keys between **A and B**, and **J and K**			

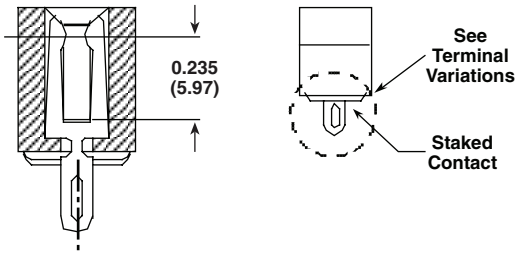
DIMENSIONS in inches (millimeters)



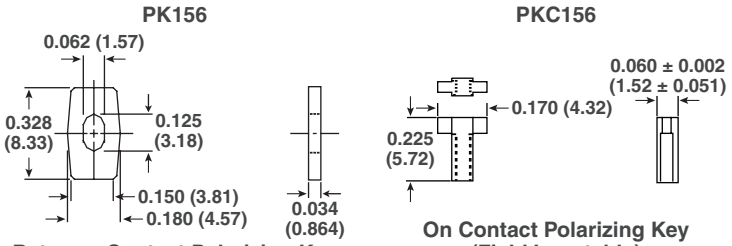


Between contact or on contact polarization available in all sizes for factory or field insertion.

Section A to A:



Polarizing Key:



Between Contact Polarizing Key

On Contact Polarizing Key (Field Insertable)

When ordering polarizing keys individually, specify by Model Number PK156 or PKC156

# OF CONTACT POSITIONS	B	C	D	E	F	G
6	0.340 (8.64)	1.10 (27.94)	1.24 (31.50)	0.781 (19.84)	1.80 (45.72)	1.53 (38.86)
10	0.340 (8.64)	1.72 (43.69)	1.86 (47.24)	1.41 (35.81)	2.43 (61.72)	2.16 (54.86)
12	0.340 (8.64)	2.04 (51.82)	2.18 (55.37)	1.72 (43.69)	2.74 (69.60)	2.47 (62.74)
15	0.340 (8.64)	2.50 (63.50)	2.65 (67.31)	2.19 (55.63)	3.21 (81.53)	2.94 (74.68)
18	0.340 (8.64)	2.97 (75.44)	3.11 (78.99)	2.66 (67.56)	3.68 (93.47)	3.41 (86.61)
22	0.340 (8.64)	3.60 (91.44)	3.74 (95.0)	3.28 (83.31)	4.30 (109.22)	4.03 (102.36)

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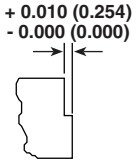
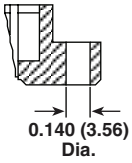
MOUNTING VARIATIONS in inches (millimeters)

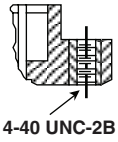
Type "W"
No Mounting Flange



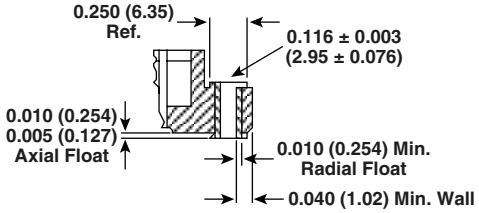
Type "X"
Clearance Hole



Type "Y"
Threaded Insert

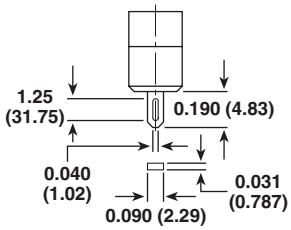


Type "Z"
Floating Bushing

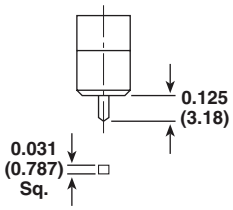


TERMINAL VARIATIONS in inches (millimeters)

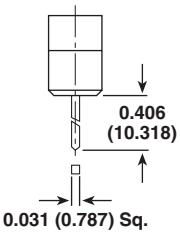
Type "A"



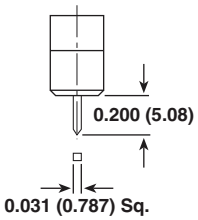
Type "B"



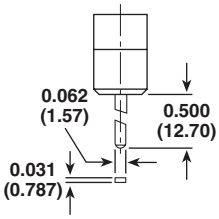
Type "C"



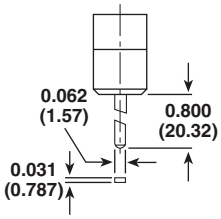
Type "D"



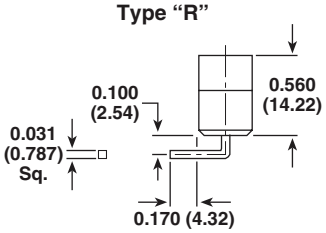
Type "E"



Type "F"



Type "R"



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