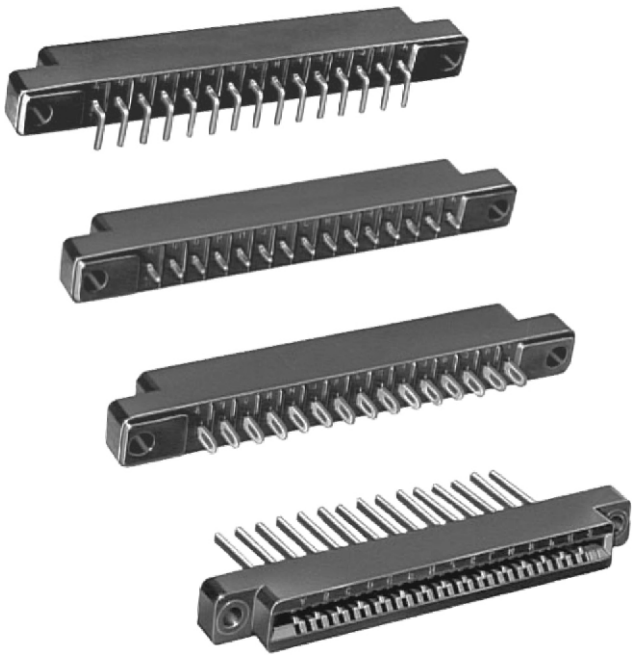
Edgeboard Connectors, Single Readout, Dip Solder and Eyelet Termination



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 option: “on contact” or “between contact” positions are available (to be installed by customer); “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 straighten 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, R)

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, 15, 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

Contacts: copper alloy

Finish: 2 = gold flash

Polarizing Key: glass-filled nylon

ORDERING INFORMATION

EBT156	-	6	R	2	W
MODEL		NUMBER OF CONTACTS	TERMINAL VARIATIONS	CONTACT FINISH	MOUNTING VARIATIONS
		6, 15, or 22	A, B, or R	**2** = gold flash	W or X

For technical questions, contact: connectors@vishay.com

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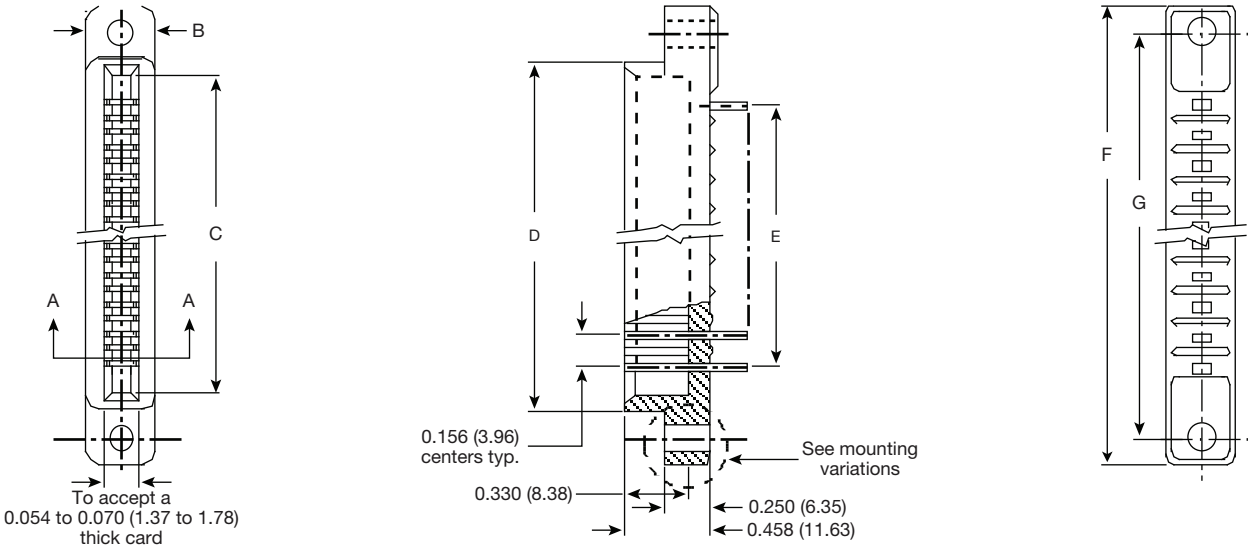
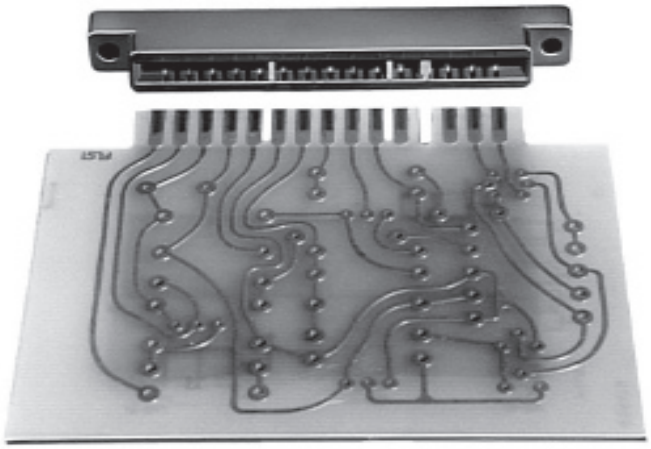
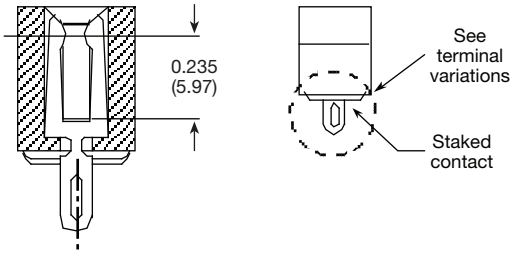
DIMENSIONS in inches (millimeters)



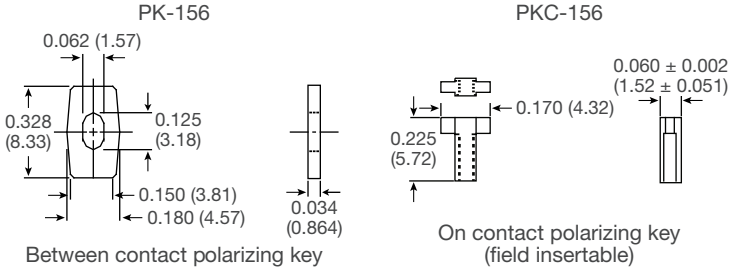


"Between contact" or "on contact" polarization available in all sizes (for field installation only)

Section A to A:



Polarizing Key:



Between contact polarizing key

On contact polarizing key
(field insertable)

Ordering information: polarizing keys can be ordered separately using model number PK-156 or PKC-156

# 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)
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)
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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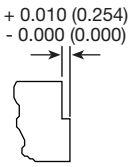
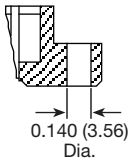
MOUNTING VARIATIONS in inches (millimeters)

Type “W”
no mounting flange

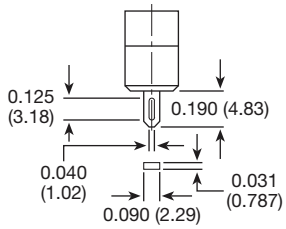


Type “X”
clearance hole

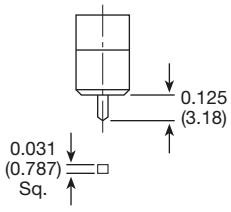


TERMINAL VARIATIONS in inches (millimeters)

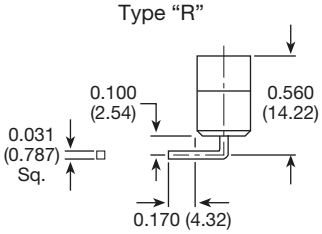
Eyelet
Type “A”



Dip-Solder
Type “B”



Dip-Solder
Type “R”



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