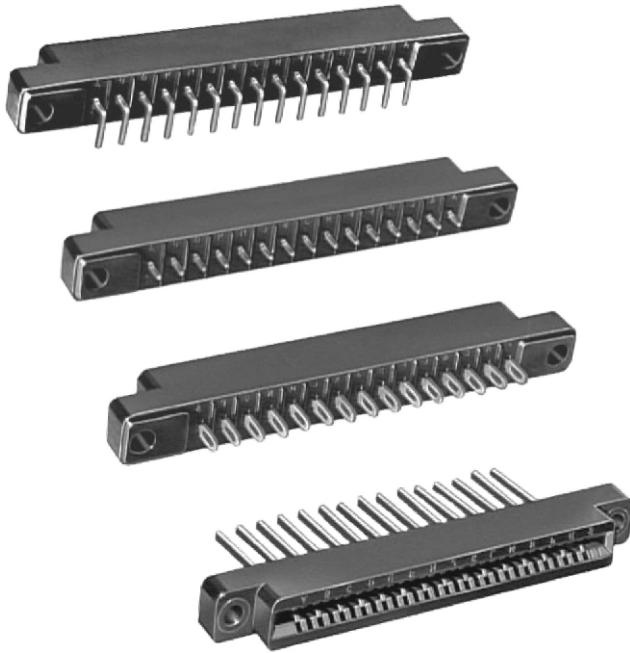


## Edgeboard Connectors, Single Readout, Dip Solder and Eyelet Termination



### 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<sub>RMS</sub>

At 70 000 feet (21 336 meters): 450 V<sub>RMS</sub>

**Insulation Resistance:** 5000 MΩ minimum (at 500 V<sub>DC</sub> 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

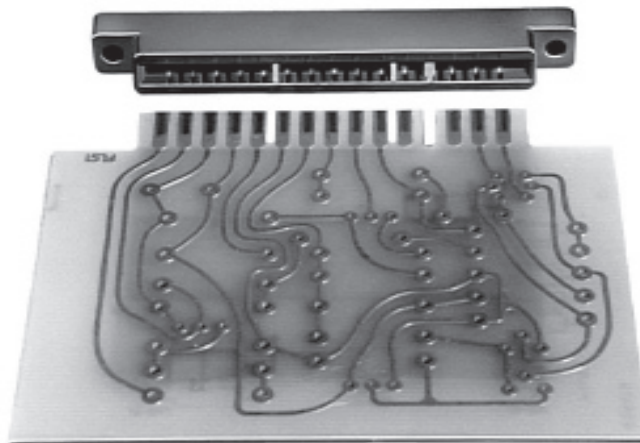
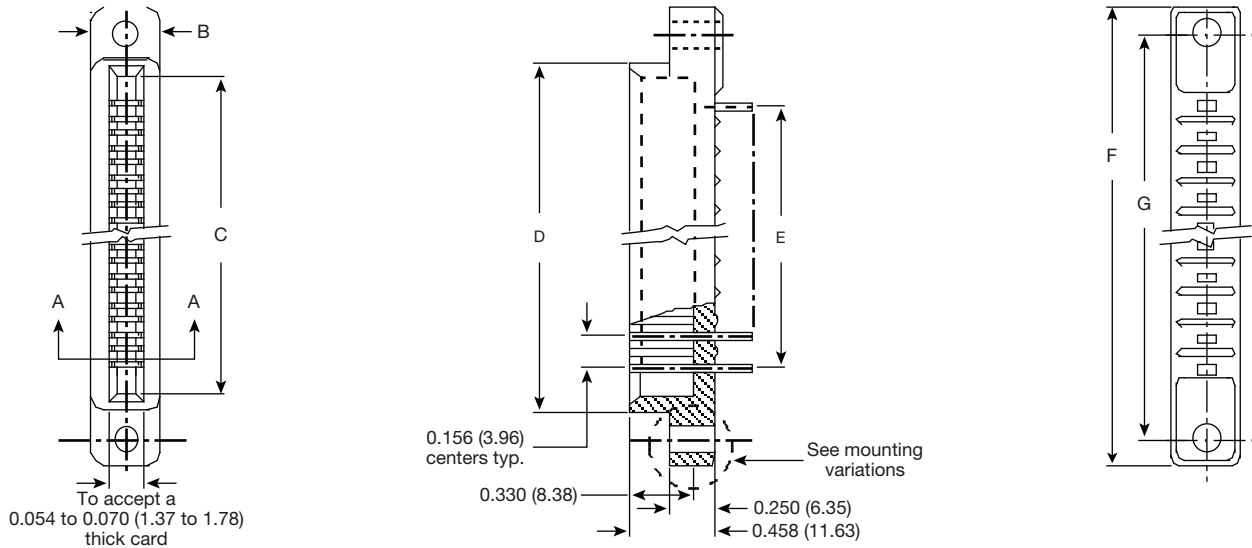
**Finish:** 2 = gold flash

**Polarizing Key:** glass-filled nylon

### ORDERING INFORMATION

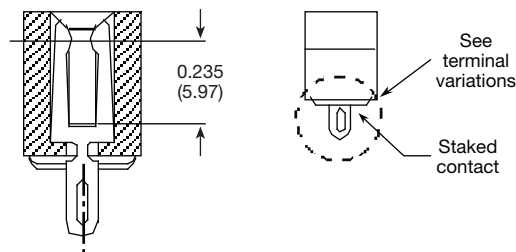
EBT156	-	6	R	2	W
MODEL		NUMBER OF CONTACTS	TERMINAL VARIATIONS	CONTACT FINISH	MOUNTING VARIATIONS
		6, 15, or 22	A, B, or R	2 = gold flash	W or X

**DIMENSIONS** in inches (millimeters)

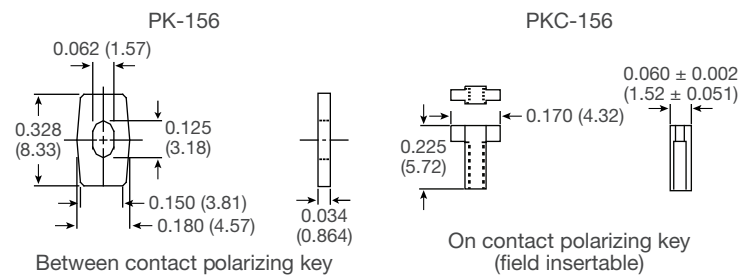


“Between contact” or “on contact” polarization available in all sizes (for field installation only)

**Section A to A:**



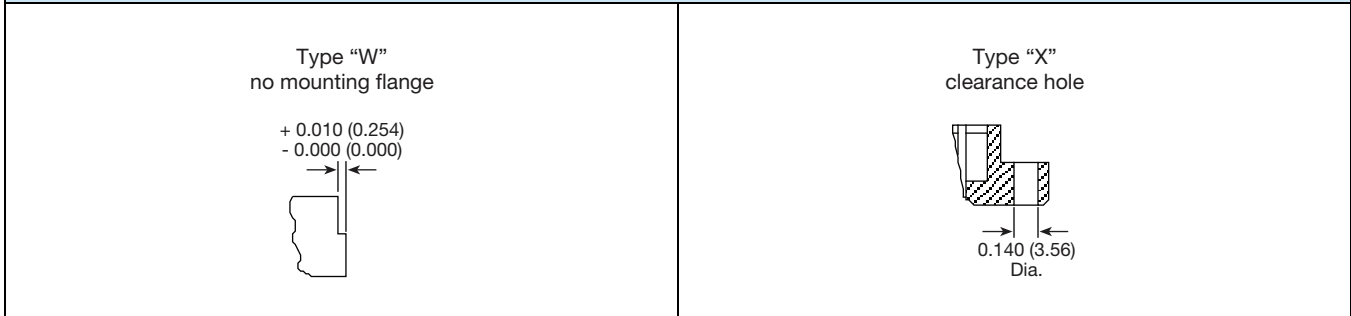
**Polarizing Key:**



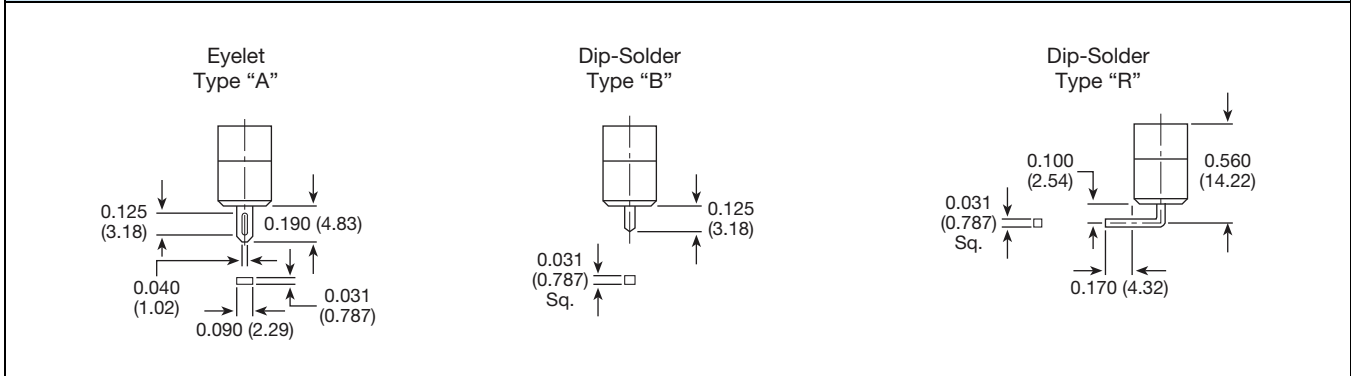
Ordering information: polarizing keys can be ordered separately using model number PK-156 or PKC-156

# 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)

**MOUNTING VARIATIONS** in inches (millimeters)



**TERMINAL VARIATIONS** in inches (millimeters)





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