

Edge Connector High Reliability

.156" (3.96mm) Density Dip
Solder/Solder Eyelet



FEATURES

- *Dip solder tails, single readout, .156" (3.96mm) long or .234" (5.94mm) long.*
- *Dip solder tails, double readout, .156" (3.96mm) or .234" (5.94mm) long on .200" (5.08mm) row spacing, or .125" (3.18mm) long on .140" (3.56mm) row spacing.*
- *Solder eyelet, single readout and double readout on .200" (5.08mm) row spacing.*
- *Patented bifurcated bellows contacts for added contact reliability.*
- *Ideal for applications involving vibration or board irregularities.*
- *Contact positions: 6, 10, 12, 15, 18, 22, and 25.*
- *Available with or without mounting ears.*
- *Accepts single- or double-sided .062" (1.59mm) thick PC boards.*
- *UL Recognized - file E170218 (UL1977) E130965 (UL1863).*

MATERIALS

Insulation Material: Diallyl phthalate, green
Contact Material: Phosphor bronze
Contact Plating: 30µ" selective gold over 50µ" copper in the contact areas, 5µ" gold on tails

ENVIRONMENTAL

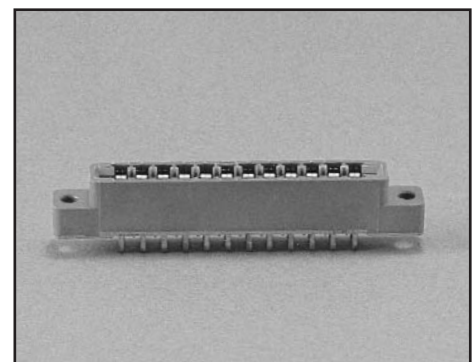
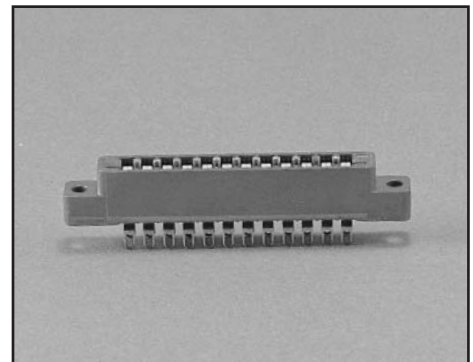
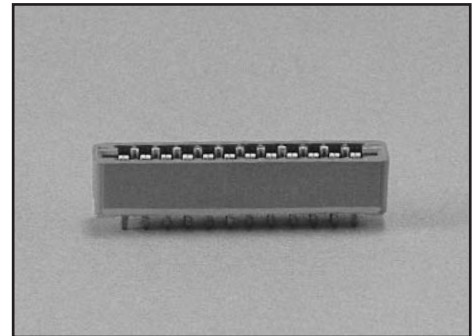
Shock: Per MIL-STD-202E, Method 202
Operating Temperature: Dip solder: -65°C to +105°C
 Solder eyelet: -65°C to +125°C
Vibration: Per MIL-STD-202E, Method 204, Condition B
Humidity: Per MIL-STD-202E, Method 103, Condition B
Accessories:
Polarizing Key: Two types (order separately):
 a) for between-contact polarization and
 b) for in-contact polarization
 See page 2-74 for more information.
Card Guide Posts: (order separately):
 Attach to mounting ears and guide PC board into connector
 See page 2-74 for more information.

ELECTRICAL

Withstanding Voltage: 1800 VAC RMS (@ sea level)
Current Rating: 5 Amps
Contact Resistance: Dip solder: 6 Milliohms
 Solder eyelet: 10 Milliohms
Insulation Resistance: 5000 Megohms minimum

MECHANICAL

Individual Contact Insertion and Separation Force:
 16 oz. maximum with .070" (1.78mm) blade;
 1 oz. minimum with .054" (1.37mm) blade



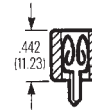
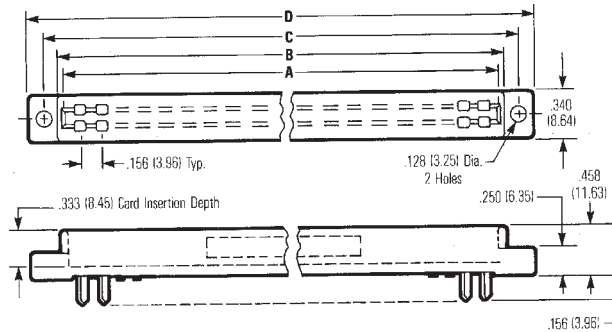
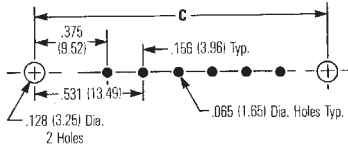
Marketed exclusively through distribution.

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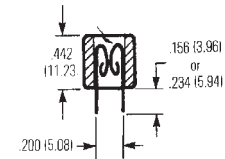
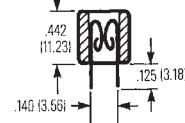
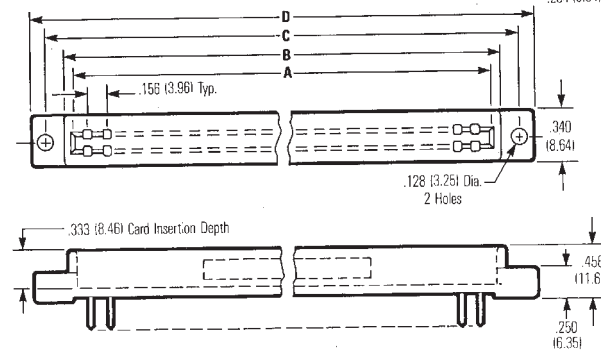
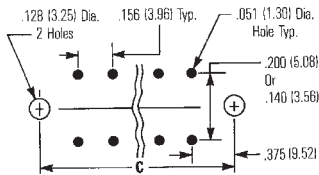
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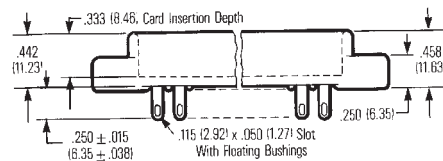
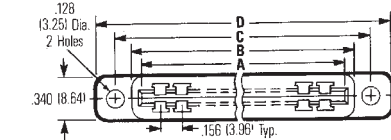
Single Readout



Double Readout



With Plain Mounting Holes



Single Readout



Double Readout

Dimensions

No. of Pos./Cont.	A		B		C		D	
	in	mm	in	mm	in	mm	in	mm
6	1.100	27.94	1.239	31.47	1.531	38.80	1.785	45.34
10	1.724	43.79	1.864	47.35	2.156	54.76	2.410	61.21
12	2.036	51.71	2.177	55.30	2.469	62.71	2.723	69.16
15	2.504	63.60	2.645	67.18	2.937	74.60	3.191	81.05
18	2.972	75.49	3.114	79.10	3.406	86.51	3.660	92.96
20	3.286	83.46	3.427	87.05	3.719	94.46	3.973	100.91
22	3.596	91.34	3.739	94.97	4.031	102.39	4.285	108.84
25	4.067	103.30	4.208	106.88	4.500	114.30	4.754	120.75

Marketed exclusively through distribution.

Ordering Information

Single Readout

No. of Pos./Cont.	.128" (3.25mm) Mounting Hole		
	Dip Solder Tails		Solder Eyelet
	.156" (3.96mm) Long	.234" (5.94mm) Long	
	Catalog No.	Catalog No.	Catalog No.
6/6	50-6H-10	50-6S-10	50-6H-20
10/10	50-10H-10	50-10S-10	50-10H-20
12/12	50-12R-10	50-12S-10	50-12H-20
15/15	50-15H-10	50-15S-10	50-15H-20
18/18	50-18H-10	50-18S-10	50-18H-20
20/20	50-20C-10	50-20S-10	50-20A-20
22/22	50-22H-10	50-22S-10	50-22H-20
25/25	50-25H-10	50-25S-10	50-25H-20

Double Readout

No. of Pos./Cont.	.128" (3.25mm) Mounting Hole			Less Mounting Ears	
	Solder Eyelet	Dip Solder Tails		Dip Solder Tails	
		.234" (5.94mm) Long	.156" (3.96mm) Long	.125" (3.18mm) Long	.125" (3.18mm) Long
		.200" (5.08mm) Between	.200" (5.08mm) Between	.140" (3.56mm) Between	.140" (3.56mm) Between
	Row Spacing	Row Spacing	Row Spacing	Row Spacing	
	Catalog No.	Catalog No.	Catalog No.	Catalog No.	Catalog No.
6/12	50-12H-30	50-12S-20	50-12H-10	50-12H-30-2	50-12H-30-1
10/20	50-20H-30	50-20S-20	50-20H-10	50-20H-30-2	50-20H-30-1
12/24	50-24H-30	50-24S-20	50-24H-10	50-24H-30-2	50-24H-30-1
15/30	50-30H-30	50-30S-20	50-30H-10	50-30H-30-2	50-30H-30-1
18/36	50-36H-30	50-36S-20	50-36H-10	50-36H-30-2	50-36H-30-1
20/40	50-40A-30	50-40S-20	50-40B-10		
22/44	50-44H-30	50-44S-20	50-44H-10	50-44H-30-2	50-44H-30-1
25/50	50-50H-30	50-50S-20	50-50H-10	50-50H-30-2	50-50H-30-1

