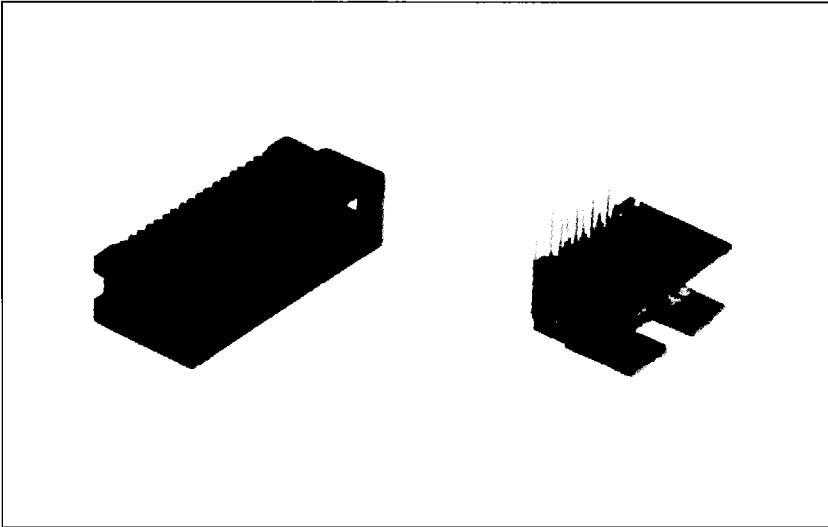


HIGH-DENSITY .025" IDC BOX HEADERS



benefits

- Gold over nickel plating
- High contact density saves board space
- Blade contact provides greater mating surface
- Available in choice of long or short lock and eject latches

characteristics

Physical

Contact material: Copper alloy
 Contact plating: Gold over nickel
 Housing and cover material: 94 V-O glass reinforced PBT, blue

Electrical

Insulation resistance: 5,000 megaohms minimum at 500V DC
 Breakdown voltage: 750V DC for one minute
 Voltage rating: 185V
 Current rating: 0.5 amps

description

Amphenol high-density .025" box headers are designed to mate with Amphenol 845 series of .025" pitch sockets.

These highly miniaturized connectors offer opportunities for significant reductions in size, as well as for increased printed circuit densities.

compatibility

Amphenol high-density box headers mate with the following Amphenol connectors:

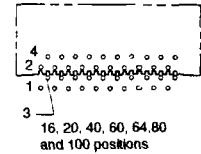
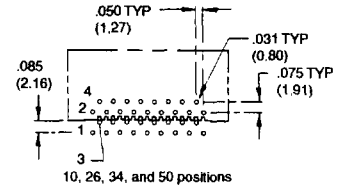
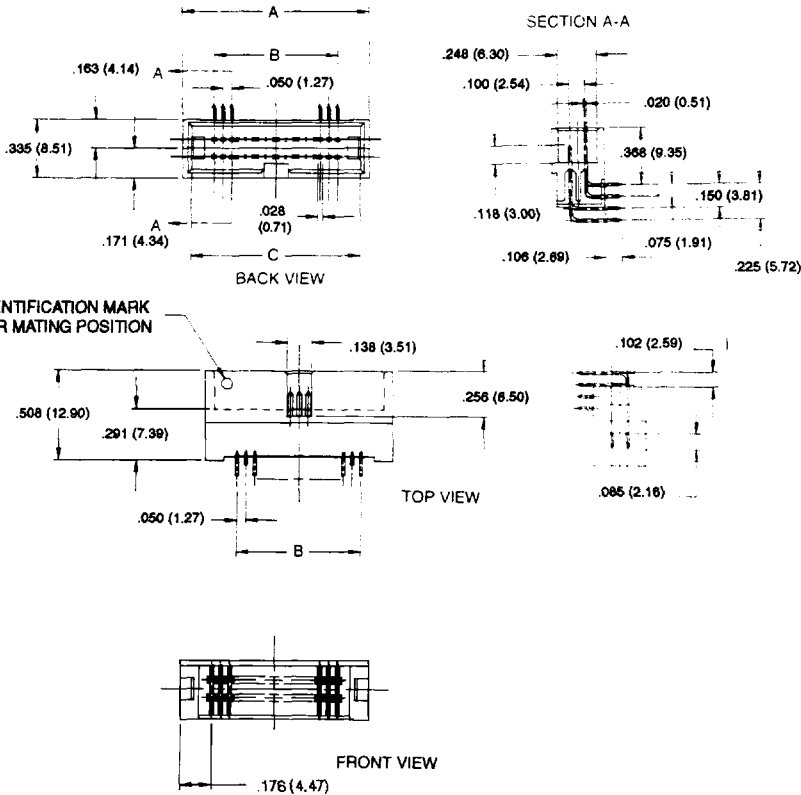
845 series .025" IDC sockets

.025" Pitch
Sockets & Headers

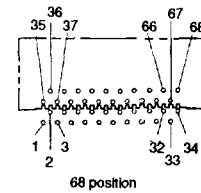
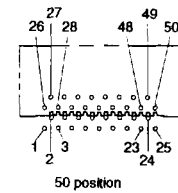
HIGH-DENSITY .025" IDC BOX HEADERS - RIGHT-ANGLE

dimensions and ordering information

recommended board layout
Standard applications



SCSI applications



Tail diameter 0.020" (0.5mm) square

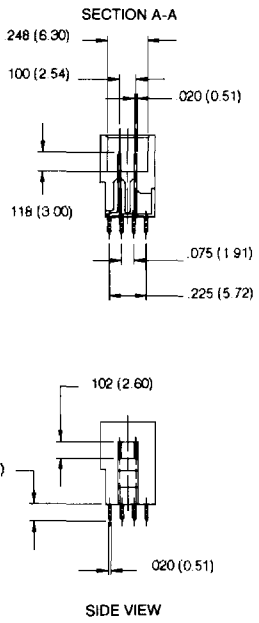
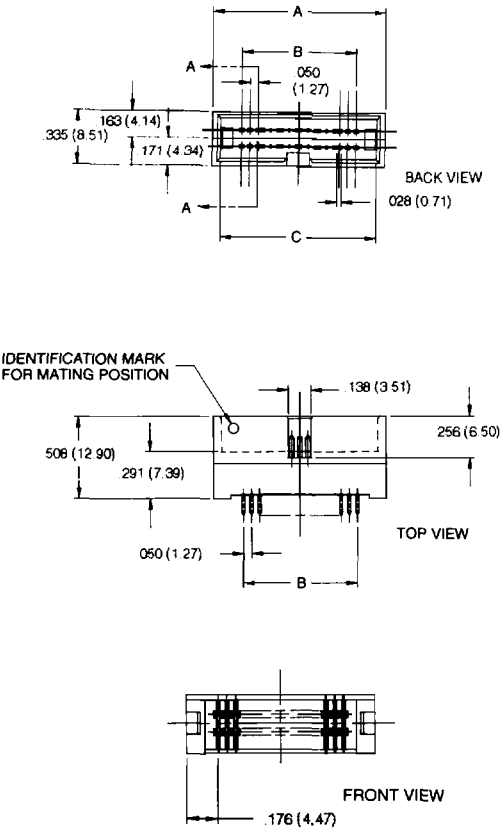
Part Number	No. of Contacts	Dimensions in Inches (mm)			
		A	B = N x .050 (1.27)		C
			N	B	
845-B010P-ALB55	10	.553 (14.04)	N = 4	.200 (5.08)	.453 (11.51)
845-B016P-ALB55	16	.703 (17.85)	N = 7	.350 (8.89)	.603 (15.32)
845-B020P-ALB55	20	.803 (20.39)	N = 9	.450 (11.43)	.703 (17.86)
845-B026P-ALB55	26	.953 (24.20)	N = 12	.600 (15.24)	.853 (21.67)
845-B034P-ALB55	34	1.153 (29.28)	N = 16	.800 (20.32)	1.053 (26.75)
845-B040P-ALB55	40	1.303 (33.09)	N = 19	.950 (24.13)	1.203 (30.56)
845-B050P-ALB55	50	1.553 (39.44)	N = 24	1.200 (30.48)	1.453 (36.91)
845-B060P-ALB55	60	1.803 (45.79)	N = 29	1.450 (36.83)	1.703 (43.26)
845-B064P-ALB55	64	1.903 (48.33)	N = 31	1.550 (39.37)	1.803 (45.80)
845-B068P-ALB55	68	2.003 (50.87)	N = 33	1.650 (41.91)	1.903 (48.34)
845-B080P-ALB55	80	2.303 (58.49)	N = 39	1.950 (49.53)	2.203 (56.06)

Standard contacts have 30 μ" gold plating on the mating area; gold flash plating on the termination area; nickel underplate on the entire contact.

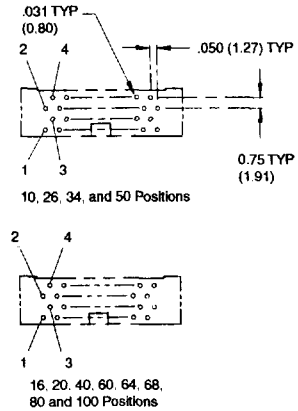
.025" Pitch
Sockets & Headers

HIGH-DENSITY .025" IDC BOX HEADERS - STRAIGHT

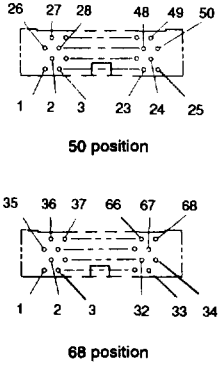
dimensions and ordering information



recommended board layout
Standard applications



SCSI applications



Tail diameter 0.020" (0.5mm) square

Part Number	No. of Contacts	Dimensions in Inches (mm)			
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			N	B	
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845-A064P-ALB55	64	1.903 (48.33)	N = 31	1.550 (39.37)	1.803 (45.80)
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845-A080P-ALB55	80	2.303 (58.49)	N = 39	1.950 (49.53)	2.203 (30.56)

Standard contacts have 30 μ" gold plating on the mating area; gold flash plating on the termination area; nickel underplate on the entire contact.

.025" Pitch
Sockets & Headers