.085 in. (2.16mm) Density Miniature Ribbon

Right-Angle Solder Tail Metal Shell

Cinch

FEATURES

- *Right-Angle Solder Tails for solder termination to printed circuit board.*
- *Metal shell provides grounding and shielding capability.*
- *Available in plug and socket styles in 14, 24, 36, and 50 position sizes.*
- *Sockets available with industry-standard bail latch feature for positive locking/unlocking without tools, for applications such as SCSI-1 and Centronics.*
- *#4-40 threaded board mounting holes provide means to secure and ground connector to board.*
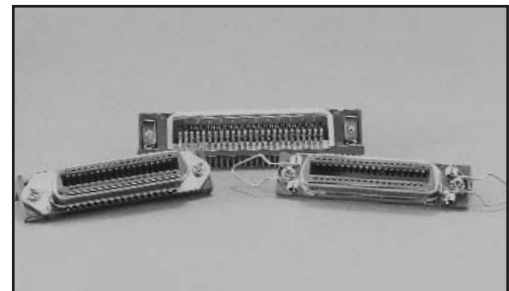- *UL Recognized - File E170218.*

MATERIALS

Insulator: Blue UL94V-0 rated glass-filled polyester
Contact: Phosphor bronze
Contact Plating: Select gold over nickel in mating area as indicated; tin-lead on solder tails
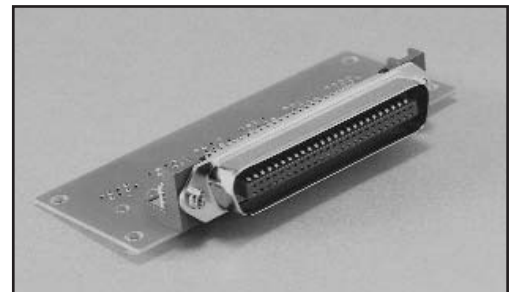**Shell:** Steel
Shell Plating: Nickel
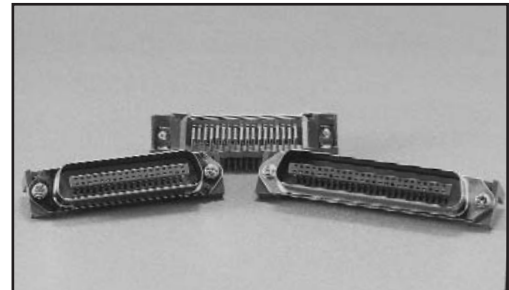
ENVIRONMENTAL

Operating Temperature: -55°C to +105°C

ELECTRICAL

Withstanding Voltage:	1000 VAC RMS @ sea level
Contact Rating:	5 Amps
Contact Resistance:	30 milliohms maximum
Insulation Resistance:	1000 Megohms minimum

Right-Angle Miniature Ribbon connectors provide I/O directly from printed circuit boards, where the mating face of the connector is perpendicular to the board. It is well-suited to front-panel I/O on plug-in cards, rear-I/O from system/peripheral motherboards, etc.

See page 6-51 for accessories such as dust covers, bent bail latches and mounting screws that make the use of Cinch Miniature Ribbon connectors even more cost-effective in board-mount applications.

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Dimensions

	A		B		C		D	
Size	in	mm	in	mm	in	mm	in	mm
14	1.720	43.70	1.417	35.99	0.992	25.20	1.008	25.60
24	2.146	54.50	1.842	46.79	1.417	36.00	1.436	36.00
36	2.661	67.60	2.352	59.74	1.925	48.90	1.943	49.35
50	3.260	82.80	2.947	74.85	2.520	64.00	2.538	64.00

Socket
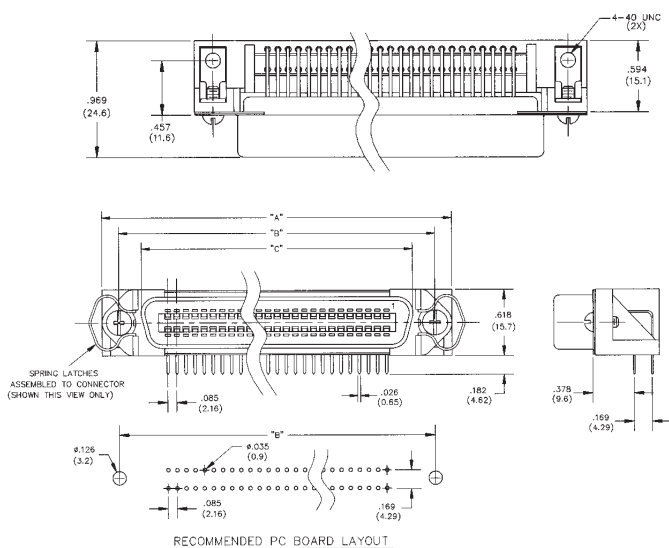
Plug
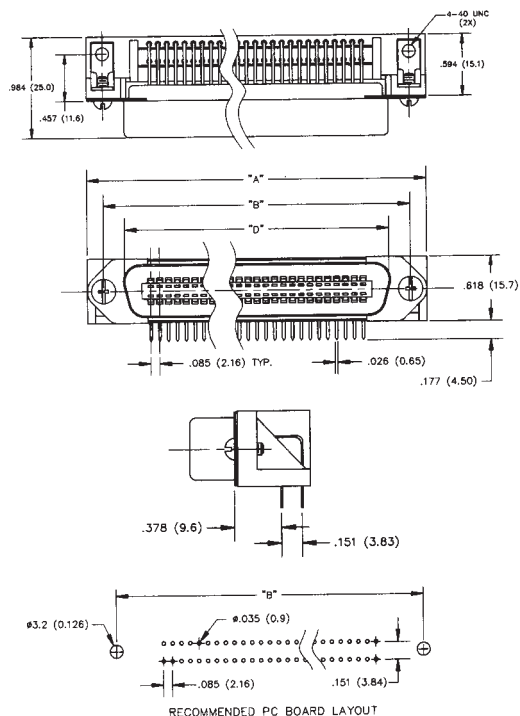
Ordering Information, Right-Angle Solder Tail

Plug, 4-40 Board Mount

Size	Flash	15Au/Ni	30Au/Ni
36	57-LRP36-F	57-LRP36-15	57-LRP36-30
50	57-LRP50-F	57-LRP50-15	57-LRP50-30

Socket, 4-40 Board Mount

Latch	Size	Flash	15Au/Ni	30Au/Ni
No Latches	14	57-LRS14-F	57-LRS14-15	57-LRS14-30
	24	57-LRS24-F	57-LRS24-15	57-LRS24-30
	36	57-LRS36-F	57-LRS36-15	57-LRS36-30
	50	57-LRS50-F	57-LRS50-15	57-LRS50-30
Bail Latch	14	57-LRS14-BF	57-LRS14-B15	57-LRS14-B30
	24	57-LRS24-BF	57-LRS24-B15	57-LRS24-B30
	36	57-LRS36-BF†	57-LRS36-B15†	57-LRS36-B30†
	50	57-LRS50-BF	57-LRS50-B15	57-LRS50-B30

† *IEEE 1284-B*

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