

Tyco Electronics ELCON Drawer Series Connectors
Authorized Distributor



ELCON Drawer Series family of mixed power and signal connectors is designed for an unlimited array of applications that use drawer-type, true hot-plug power supply units. Contacts for AC IN and DC OUT power, logic and signal are all housed in robust one-piece insulators that have built-in or optional mating guides for improved gaterability and mating polarization.

Features: • High performance CROWN BAND contacts • Low millivolt drop, minimal temperature rise • True hot-pluggability for current interruption under load

Applications: • Low noise power supplies • Switch-mode power supplies • "Live" hot-plug power supplies

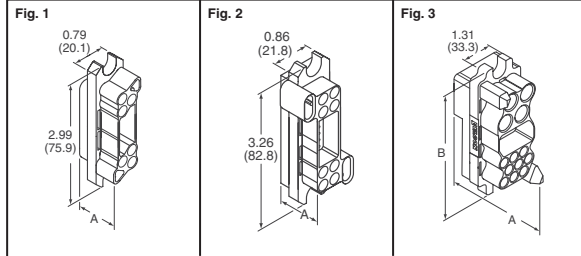


Fig.	Description	Dimensions – Inch (mm)		Digi-Key Part No.	Price Each			ELCON Part No.
		A	B		1	25	100	
Mini Drawer								
1	Pin Connector, 16/20/16	0.97 (24.6)	—	A36276-ND	9.83	8.90	6.31	1648111-1
	Socket Connector, 16/20/16	1.08 (27.4)	—	A36277-ND	6.83	6.19	4.39	1648116-1
Lower Drawer								
2	Pin Connector, 12/20/12	0.87 (22.1)	—	A36262-ND	6.37	5.77	4.09	1648203-1
	Pin Connector, 16/20/12	0.87 (22.1)	—	A36266-ND	7.51	6.81	4.82	1648205-1
	Pin Connector, 16/20/16	0.87 (22.1)	—	A36264-ND	8.89	8.06	5.71	1648204-1
	Socket Connector, 12/20/12	1.09 (27.7)	—	A36263-ND	6.69	6.06	4.29	1648206-1
	Socket Connector, 16/20/12	1.09 (27.7)	—	A36267-ND	9.27	8.40	5.95	1648208-1
	Socket Connector, 16/20/16	1.09 (27.7)	—	A36265-ND	7.73	7.00	4.96	1648207-1
Middle Drawer								
3	Pin Connector, 4/20/12, Float Mount	1.31 (33.3)	3.15 (80.0)	A36272-ND	13.90	12.59	8.92	1648151-1
	Pin Connector, 4/20/12, PCB Mount	0.98 (24.9)	3.15 (80.0)	A36274-ND	13.92	12.61	8.94	1648152-1
	Pin Connector, 8/20/12 Crimp, Float Mount	1.46 (37.1)	3.31 (84.1)	A36268-ND	7.54	6.83	4.84	1648162-1
	Pin Connector, 8/20/12, PCB Mount	1.22 (31.0)	3.31 (84.1)	A36270-ND	8.82	8.00	5.67	1648163-1
	Socket Connector, 4/20/12, Float Mount	1.36 (34.5)	3.15 (80.0)	A36273-ND	11.73	10.63	7.53	1648156-1
	Socket Connector, 4/20/12, PCB Mount	1.23 (31.2)	3.15 (80.0)	A36275-ND	13.92	12.61	8.94	1648157-1
	Socket Connector, 8/20/12 Float Mount	1.12 (28.4)	3.31 (84.1)	A36269-ND	9.11	8.25	5.85	6648167-1
	Socket Connector, 8/20/12, PCB Mount	0.88 (22.4)	3.31 (84.1)	A36271-ND	10.12	9.17	6.50	1648168-1

A

Contacts and Tools

Description	Digi-Key Part No.	Price Each			ELCON Part No.
		1	25	100	
Contacts					
Crimp Pin, Size #4, Silver	A36278-ND	5.09	4.62	3.27	1766232-1
Crimp Socket, Size #4, Silver	A36296-ND	7.13	6.46	4.58	6648434-1
Crimp Pin, Size #8, Silver	A36279-ND	1.83	1.67	1.18	1766192-1
Crimp Socket, Size #8, Silver	A36294-ND	6.13	5.56	3.94	6648317-1
PCB Pin, Size #8, Silver	A36280-ND	2.06	1.87	1.33	1766262-1
PCB Socket, Size #8, Silver	A36295-ND	6.13	5.56	3.94	6648400-1
Crimp Pin, Size #12, Silver	A36281-ND	.80	.73	.52	1766193-1
Crimp Socket, Size #12, Silver	A36292-ND	2.82	2.56	1.82	6648318-1
PCB Pin, Size #12, Silver	A36282-ND	.88	.80	.57	1766245-1
PCB Socket, Size #12, Silver	A36293-ND	3.10	2.81	1.99	6648374-1
Crimp Pin, Size #16, Silver	A36283-ND	1.04	.95	.67	1766194-1
Crimp Socket, Size #16, Silver	A36289-ND	2.95	2.68	1.90	6648319-1
PCB Pin, Size #16, Silver	A36284-ND	.64	.58	.41	1766222-1

Description	Digi-Key Part No.	Price Each			ELCON Part No.
		1	25	100	
Tools					
PCB Socket, Size #16, Silver	A36290-ND	2.67	2.43	1.72	6648383-1
Crimp Socket, Size #12, 5µ" Gold, Hot-Pluggable	A36291-ND	5.62	5.10	3.61	1648384-1
Crimp Pin, Size #20, 10µ" Gold	A36285-ND	.46	.42	.30	1650155-1
Crimp Socket, Size #20, 10µ" Gold	A36287-ND	1.25	1.13	.81	1648325-1
PCB Pin, Size #20, 30µ" Gold	A36286-ND	.50	.45	.32	1650283-1
PCB Socket, Size #20, 10µ" Gold	A36288-ND	1.25	1.13	.81	1648382-1
Insertion/Extraction Tool, Size #0, Light Yellow	A36313-ND	4.16	—	—	1643921-1
Insertion/Extraction Tool, Size #4, Blue	A36312-ND	5.39	—	—	1643922-1
Insertion/Extraction Tool, Size #8, Red	A36311-ND	3.59	—	—	1643914-1
Insertion/Extraction Tool, Size #12, Yellow/White	A36310-ND	2.91	—	—	1643915-1
Insertion/Extraction Tool, Size #16, Blue/White	A36309-ND	2.08	—	—	1643916-1
Insertion/Extraction Tool, Size #20, Red/White	A36308-ND	1.75	—	—	1643917-1



Tools

Description	Digi-Key Part No.	Price Each			Astro Tool Corp. Part No.
		1	25	100	
Pneumatic Crimp Tool without Dies	AMT23B-ND	1140.68	—	—	AMT23B
Size 4 Die Set for use with AMT23B	AMT23004DA-ND	220.09	—	—	AMT23004DA
Locator for use with AMT23004DA	AMT23011L-ND	31.22	—	—	AMT23011L
Size 8 Die Set for use with AMT23B	AMT23002DA-ND	220.09	—	—	AMT23002DA
Locator for use with AMT23002DA	AMT23009L-ND	31.22	—	—	AMT23009L

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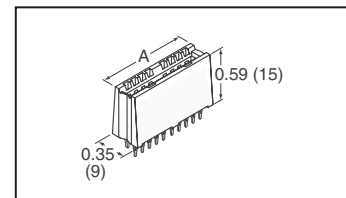
ELCON CROWN EDGE Connectors



CROWN EDGE socket connectors are a board-to-board power interconnect solution that uses ELCON high performance CROWN BAND contact technology configured to mate directly with a printed circuit board edge, or with a solid bus bar for higher currents. Power and signal can be combined and mounted end-to-end to meet the requirements of the applications.

Applications: • Board-to-board power connections • DC-DC converters • Uninterruptible power supply (UPS) • Power supplies

Description	Dimension A Inch (mm)	Digi-Key Part No.	Price Each			ELCON Part No.
			1	25	100	
6 Power Contacts, Press Fit	1.56 (39.7)	A36248-ND	8.81	7.98	5.65	6650384-2
4 Power Contacts, Press Fit, Hot Pluggable	1.06 (26.8)	A36250-ND	6.45	5.85	4.14	6651331-1
16 Signal Contacts, Press Fit	1.06 (26.8)	A36251-ND	8.04	7.29	5.16	6650534-1



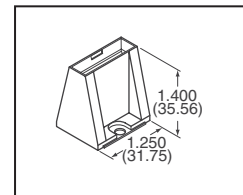
ELCON CROWN CLIP Sockets



CROWN CLIP sockets are compact, high-current socket connectors for high current bus bar power distribution. Using ELCON high performance CROWN BAND technology, CROWN CLIP sockets are available in single pole format to mate with a solid blade, handling up to 350 amps, or in dual pole format to mate with laminated bus bar tabs for feed and return currents.

Applications: • Bus bar based power distribution • Power racks • Rack mounted switching power supplies

Description	Digi-Key Part No.	Price Each			ELCON Part No.
		1	25	100	
Socket Connector, Single Pole Float Mount	A36254-ND	12.46	11.29	8.00	1643906-1
Socket Connector, Dual Pole Float Mount	A36253-ND	4.54	4.12	2.92	1643903-1



Free shipping on orders over €65! All prices in euro and include duties. (EU2011-EN) 495