

SOURIAU Clipper Industrial Plastic Connectors

SOURIAU

Esterline
Connection Technologies

RoHS Compliant This page of product is RoHS compliant.

CLIPPER INDUSTRIAL PLASTIC CONNECTORS

Features:

- Retention plate system allows insertion/extraction of the contacts without the need for tooling
- Monobloc shell and insulator in thermoplastic material self-extinguishing to UL 94 V0
- Scoop proof
- 250 cycles mating / unmating
- Frequency range : 10-2000 Hz, 20 g - 10 cycles in accordance with CEI 68-2-6

Plugs

MOUSER STOCK NO.	Souriau Part No.	Fig.	No. of Pos	Shell Size	Contact Type	Contact Size	IP Rating	Price Each		
								1	10	25
649-CL1F1101	CL1F1101	A	4	1	Socket	#16	IP67	14.65	13.31	12.98
649-CL1F1201	CL1F1201	B	9	1	Socket	#20	IP67	14.65	13.31	12.98
649-CL1F2101	CL1F2101	A	9	2	Socket	#16	IP67	14.65	13.60	12.20
649-CL1F2201	CL1F2201	A	14	2	Socket	#20	IP67	14.59	13.54	12.15
649-CL1F3101	CL1F3101	A	18	3	Socket	#16	IP67	15.86	14.72	13.21
649-CL1F4101	CL1F4101	A	26	4	Socket	#16	IP67	18.31	17.00	15.26
649-CL1F3201	CL1F3201	A	31	3	Socket	#20	IP67	15.89	14.76	13.24
649-CL1F4201	CL1F4201	A	40	4	Socket	#16	IP67	18.33	17.02	15.27
649-CL1P1101	CL1P1101	A	4	1	Pin	#16	IP67	14.65	13.31	12.98
649-CL1P3101	CL1P3101	A	18	3	Pin	#16	IP67	14.53	13.49	12.11
Sealed w/O-Ring and Panel Gasket										
649-CL1F1103	CL1F1103	C	4	1	Socket	#16	IP68	19.32	17.43	16.70
649-CL1F1203	CL1F1203	C	9	1	Socket	#20	IP68	19.32	17.43	16.70
649-CL1F3103	CL1F3103	A	18	3	Socket	#16	IP68	20.18	18.21	17.45
Un-Sealed w/out O-Ring										
649-CL1F2100	CL1F2100	-	9	2	Socket	#16	IP40	11.56	10.51	10.24
649-CL1F4100	CL1F4100	D	26	4	Socket	#16	IP40	14.65	13.31	12.98

Receptacles

MOUSER STOCK NO.	Souriau Part No.	Fig.	No. of Pos	Shell Size	Contact Type	Contact Size	IP Rating	Price Each		
								1	10	25
649-CL1R1102	CL1R1102	E	4	1	Socket	#16	IP67	13.10	13.10	12.77
649-CL1R2102	CL1R2102	-	9	2	Socket	#16	IP67	13.28	13.28	11.92
649-CL1R3101	CL1R3101	F	18	3	Socket	#16	IP67	11.86	11.86	11.56
649-CL1M1102	CL1M1102	C	4	1	Pin	#16	IP67	13.10	13.10	12.77
649-CL1M2101	CL1M2101	G	9	2	Pin	#16	IP67	10.00	10.00	9.75
649-CL1M2102	CL1M2102	G	9	2	Pin	#16	IP67	13.28	13.28	11.92
649-CL1M1201	CL1M1201	F	9	1	Pin	#20	IP67	9.52	9.52	9.28
649-CL1M1202	CL1M1202	E	9	1	Pin	#20	IP67	13.10	13.10	12.77
649-CL1M2202	CL1M2202	E	14	2	Pin	#20	IP67	13.28	13.28	11.92
649-CL1M3102	CL1M3102	-	18	3	Pin	#16	IP67	14.05	14.05	12.61
649-CL1M4202	CL1M4202	E	40	4	Pin	#16	IP67	16.47	16.47	14.79
Sealed In-Line										
649-CL1C1101	CL1C1101	H	4	1	Pin	#16	IP68	9.30	9.30	9.07
649-CL1C1201	CL1C1201	I	9	1	Pin	#20	IP68	9.30	9.30	9.07
649-CL1C2101	CL1C2101	H	9	2	Pin	#16	IP68	9.62	9.62	9.38
649-CL1C3101	CL1C3101	H	18	3	Pin	#16	IP68	10.20	10.20	9.46
649-CL1C4201	CL1C4201	H	40	4	Pin	#16	IP68	12.43	12.43	12.12
Un-Sealed Square Flange (No O-Ring)										
649-CL1R1100	CL1R1100	-	4	1	Socket	#16	IP40	9.01	9.01	8.18
649-CL1R3100	CL1R3100	G	18	3	Socket	#16	IP40	9.89	9.89	9.65
649-CL1M3100	CL1M3100	J	18	3	Pin	#16	IP40	8.99	8.99	8.77
649-CL1M4100	CL1M4100	G	26	4	Pin	#16	IP40	11.12	11.12	10.84
Un-Sealed In-Line (No O-Ring)										
649-CL1C1200	CL1C1200	H	9	1	Pin	#20	IP40	9.01	9.01	8.18

Sealed Backnuts

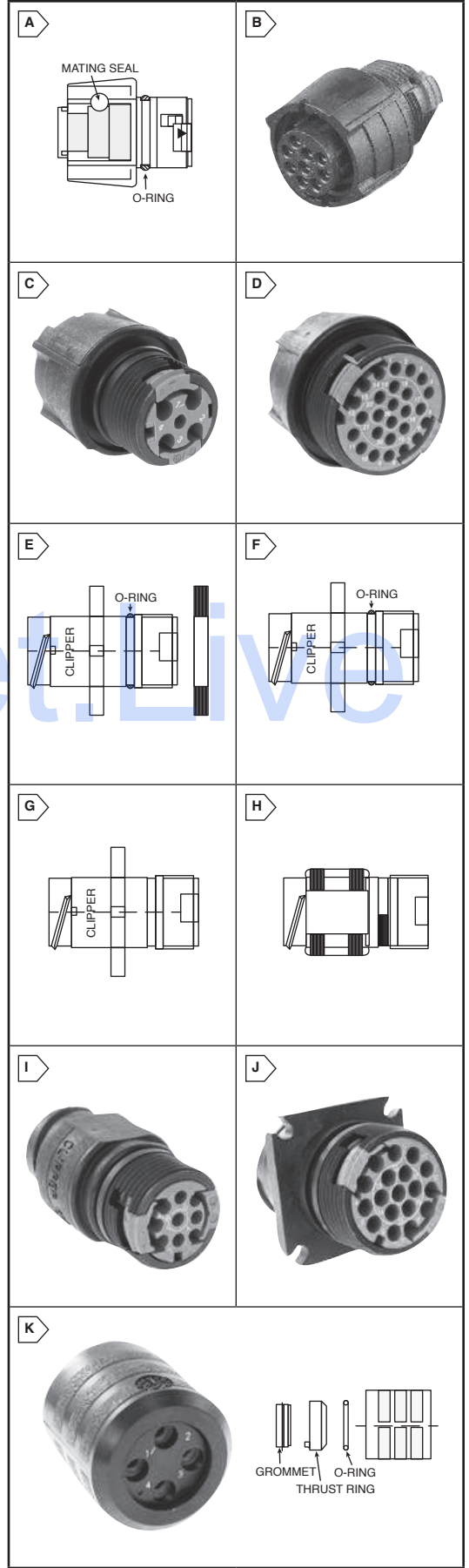
MOUSER STOCK NO.	Souriau Part No.	Fig.	No. of Pos	Shell Size	Contact Type	Contact Size	IP Rating	Price Each		
								1	10	25
649-CL111102	CL111102	K	4	1	Pin	#16	IP67	14.11	12.83	12.51
649-CL112102	CL112102	K	9	2	Pin	#16	IP67	14.37	13.06	12.74
649-CL113102	CL113102	K	18	3	Pin	#16	IP67	14.73	13.39	13.05
649-CL111101	CL111101	K	4	1	Socket	#16	IP67	14.11	12.83	12.51
649-CL112101	CL112101	K	9	2	Socket	#16	IP67	14.37	13.06	12.74
649-CL113101	CL113101	K	18	3	Socket	#16	IP67	14.73	13.39	13.05

Machined Contacts

MOUSER STOCK NO.	Souriau Part No.	Description	Price Each	
			1	10
649-CM16PS10MQ	CM16PS10MQ	Solder Pin #16, 14 AWG Max	1.01	.916
649-CM10SS10MQ	CM10SS10MQ	Solder Socket #20, 18 AWG Max	.94	.869
649-CM10PC10MQ	CM10PC10MQ	Crimp Pin #20, 24-18 AWG	.94	.869
649-CM10SC10MQ	CM10SC10MQ	Crimp Socket #20, 24-18 AWG	4.39	4.21
649-CM16PC10MQ	CM16PC10MQ	Crimp Pin #16, 18-14 AWG	1.31	1.18
649-CM16SC10MQ	CM16SC10MQ	Crimp Socket #16, 18-24 AWG	2.39	2.28
649-CM16PS10MQ	CM16PS10MQ	Solder Pin #16, 14 AWG Max	1.01	.916

Accessories

MOUSER STOCK NO.	Souriau Part No.	Description	Shell Size	Price Each		
				1	10	25
649-CL103000	CL103000	PG Threads Adapter for Commercial Backshell	3	4.30	4.12	3.78
649-CL103041	CL103041	Sealed Straight Backshell for Flexible Conduit System	3	30.79	27.79	26.62
649-CL124041	CL124041	Sealed Straight Backshell for Flexible Conduit System	4	37.27	33.63	32.22
649-CL101021	CL101021	Sealed Anti-Decoupling Sealing Gland Backshell	1	11.06	10.06	9.81
649-CL102021	CL102021	Sealed Anti-Decoupling Sealing Gland Backshell	2	11.64	10.58	10.31
649-CL103021	CL103021	Sealed Anti-Decoupling Sealing Gland Backshell	3	14.11	12.83	12.51
649-CL101030	CL101030	Unsealed Straight Cable Clamp	1	10.67	9.70	9.45
649-CL102030	CL102030	Unsealed Straight Cable Clamp	2	11.06	10.06	9.81
649-CL103030	CL103030	Unsealed Straight Cable Clamp	3	12.71	11.55	11.26
649-CL124030	CL124030	Unsealed Straight Cable Clamp	4	19.35	17.46	16.73
649-CL193001	CL193001	Panel Gasket For Sq. Flange Receptacles	3	2.22	2.13	1.95



Rectangular Connectors Souriau