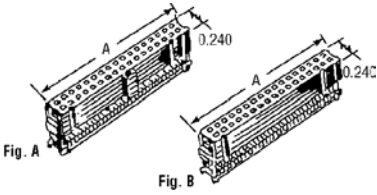


AMP-LATCH® Novo
Receptacles with
Recessed Covers

- .100" × .100" (2.54 mm × 2.54 mm) Centers
- Preassembled Receptacle
- Optional Strain Relief
- Black Thermoplastic, 94V-0 Rated
- Mates with Universal Pin Headers



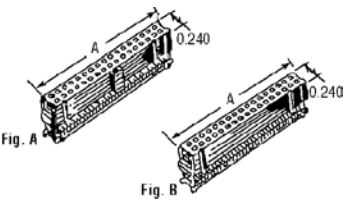
Center and Military Polarized Receptacle — Fig. A

Stock No.	Mfr.'s Type	No. of Pos.	Overall Length A	Contact Plating	EACH		
					1-99	100-499	500-999
512-3500	746288-1	10	0.680	*	.88	.79	.66
512-3501	746288-2	14	0.880	*	1.16	1.05	.87
512-3502	746288-3	16	0.980	*	1.21	1.09	.91
512-3503	746288-4	20	1.180	*	1.27	1.15	.95
512-3504	746288-6	26	1.480	*	1.43	1.30	1.07
512-0164	746288-7	30	1.680	*	1.82	1.64	1.36
512-3505	746288-8	34	1.880	*	1.82	1.64	1.36
512-3506	746288-9	40	2.180	*	2.15	1.93	1.61
512-3507	1-746288-0	50	2.680	*	2.59	2.33	1.94
512-3508	1-746288-1	60	3.180	*	3.19	2.87	2.40
512-3509	1-746288-2	64	3.380	*	3.52	3.20	2.64

Military Polarized — Fig. B

512-3510	746290-1	10	0.680	*	.88	.79	.66
512-3511	746290-2	14	0.880	*	1.16	1.04	.91
512-3512	746290-3	16	0.980	*	1.21	1.09	.95
512-3513	746290-4	20	1.180	*	1.27	1.14	.95
512-3514	746290-6	26	1.480	*	1.43	1.29	1.07
512-3515	746290-8	34	1.880	*	1.82	1.66	1.36
512-3516	746290-9	40	2.180	*	2.15	1.93	1.61
512-3517	1-746290-0	50	2.680	*	2.59	2.35	1.94
512-3519	1-746290-2	64	3.380	*	3.52	3.20	2.64

*Contact Plating: .00030 gold on post/pin mating end, .000100-.000200 bright tin-lead on termination end, with entire contact underplated .000050 nickel.



ECONOLATCH Receptacles
with Recessed Covers

- 0.100" × 0.100" (2.54 mm × 2.54 mm) Centers
- Preloading Single Mating Beam Design
- Optional Strain Relief
- Universal Pin Headers

Center and Military Polarization Connector — Fig. A

Stock No.	Mfr.'s Type	No. of Pos.	Overall Length A	Contact Plating	EACH		
					1-99	100-499	500-999
512-8662	746285-1	10	0.68	*	.72	.64	.54
512-9067	746285-2	14	0.88	*	1.05	.94	.78
512-8623	746285-3	16	0.98	*	1.10	.99	.83
512-9153	746285-4	20	1.18	*	1.16	1.05	.87
512-8695	746285-6	26	1.48	*	1.43	1.30	1.07
512-9068	746285-8	34	1.88	*	1.60	1.44	1.20
512-9337	746285-9	40	2.18	*	1.76	1.59	1.32
512-8679	1-746285-0	50	2.68	*	2.15	1.95	1.61
512-9345	1-746285-1	60	3.18	*	4.28	3.90	3.21
512-9349	1-746285-2	64	3.38	*	3.03	2.76	2.27

Military Polarized — Fig. B

512-9353	499997-1	10	0.68	*	.72	.64	.54
512-9361	499997-3	16	0.98	*	1.10	.99	.90
512-8585	499997-4	20	1.18	*	1.16	1.04	.87
512-8770	499997-6	26	1.48	*	1.43	1.29	1.07
512-9365	499997-8	34	1.88	*	1.60	1.44	1.20
512-9367	499997-9	40	2.18	*	1.76	1.59	1.32
512-9369	1-499997-0	50	2.68	*	2.15	1.93	1.61
512-9375	1-499997-2	64	3.38	*	3.03	2.73	2.27

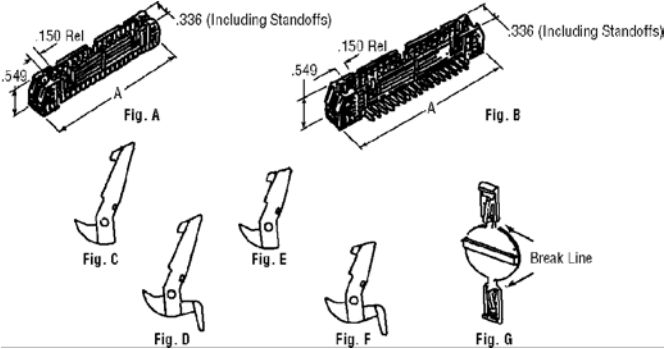
*Contact Plating: Phosphor bronze duplex plated mating end, .000100 min. tin-lead on the termination end, with entire contact underplated .000050 nickel.

Strain Reliefs and Keying Plug for Novo and ECONOLATCH Receptacles

Strain Reliefs

Stock No.	Mfr.'s Type	No. of Pos.	Overall Length A	EACH		
				1-99	100-499	500-999
512-3520	499252-5	10	0.680	.13	.12	.10
512-3521	499252-9	14	0.880	.13	.12	.10
512-3522	499252-8	16	0.980	.13	.12	.10
512-3523	499252-2	20	1.180	.13	.12	.10
512-3524	499252-3	26	1.480	.16	.14	.12
512-3525	499252-6	34	1.880	.16	.14	.12
512-3526	499252-1	40	2.180	.19	.17	.14
512-3527	499252-4	50	2.680	.21	.19	.16
512-3528	499252-7	60	3.180	.24	.22	.18
512-3529	1-499252-3	64	3.380	.29	.27	.22

Universal Ejection Style Pin Headers



Military, Center and Dual Polarized; .100" × .100" Centers — Mate with Novo Receptacles — Terminate to PC Board

4 Sided Headers .240" (6.1 mm) Mating Post Length, Straight-Thru, .110" (2.79 mm) Termination Post Length — Fig. A

Stock No.	Mfr.'s Type	No. of Pos.	Finish*	EACH		
				1-99	100-499	500-999
512-3699	102153-1	10	A	.66	.59	.49
512-3531	102154-1	10	B	.72	.65	.54
512-3701	102153-2	14	A	.87	.78	.65
512-3532	102154-2	14	B	.93	.84	.70
512-3802	102153-3	16	A	.99	.89	.74
512-3533	102154-3	16	B	1.14	1.02	.85
512-3703	102153-4	20	A	1.23	1.11	.92
512-3534	102154-4	20	B	1.35	1.21	1.01
512-3804	102153-6	26	A	1.56	1.40	1.17
512-3535	102154-6	26	B	1.65	1.48	1.24
512-3705	102153-8	34	A	1.98	1.78	1.48
512-3536	102154-8	34	B	2.04	1.83	1.53
512-3806	102153-9	40	A	2.28	2.05	1.71
512-3537	102154-9	40	B	2.34	2.10	1.75
512-3707	1-102153-0	50	A	2.70	2.43	2.02
512-3538	1-102154-0	50	B	2.76	2.48	2.07
512-3539	1-102154-1	60	B	3.22	2.90	2.41
512-3808	1-102153-2	64	A	3.24	2.92	2.43

Right-Angle, .110" (2.79 mm) Termination Post Length — Fig. B

512-3725	102159-1	10	A	.72	.65	.54
512-3726	102159-3	16	A	1.14	1.02	.85
512-3544	102160-3	16	B	1.41	1.27	1.06
512-3727	102159-4	20	A	1.35	1.21	1.01
512-3545	102160-4	20	B	1.50	1.35	1.12
512-3728	102159-6	26	A	1.65	1.48	1.24
512-3546	102160-6	26	B	1.80	1.62	1.35
512-3729	102159-8	34	A	2.04	1.83	1.53
512-3547	102160-8	34	B	2.16	1.94	1.62
512-3730	102159-9	40	A	2.34	2.10	1.75
512-3548	102160-9	40	B	2.49	2.24	1.86
512-3731	1-102159-0	50	A	2.76	2.48	2.07
512-3549	1-102160-0	50	B	3.01	2.71	2.26
512-3550	1-102160-1	60	B	3.35	3.02	2.52

*Finish: A — .000015 (0.00038) gold on post/pin mating end, .000100-.000200 (0.00254-0.00508) bright tin-lead on termination end, with entire contact underplated .000050 (0.00127) nickel; B — .000030 (0.00076) gold on post/pin mating end, .000100-.000200 (0.00254-0.00508) bright tin-lead on termination end, with entire contact underplated .000050 (0.00127) nickel.

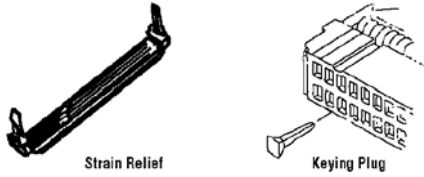
Latches

Material: Black thermoplastic. UL94V-0 rated.

Stock No.	Mfr.'s Type	Fig.	Description	EACH		
				1-99	100-499	500-999
512-3735	102320-1	C	For mating receptacles with strain relief	.16	.15	.14
512-3736	102186-1	D	For mating receptacles with strain relief	.18	.16	.14
512-3737	102312-1	E	For mating receptacles without strain relief	.16	.15	.13
512-3738	102185-1	F	For mating receptacles without strain relief	.18	.16	.14

Polarization Key

512-3740	499991-2	G	2 keys per tab — sold per tab	.70	.64	.59
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Keying Plug						
512-3530, 499712-1, 1-99						EACH .15
100-499						EACH .12
500-999						EACH .11