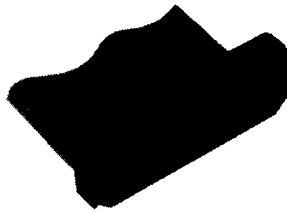


Novo Receptacles, Military Polarized* .100 x .100 [2.54 x 2.54] Centers

Housing Assembly with Cover (Preassembled) and Strain Relief (Optional)



Contacts mate with .025 [0.64] sq. or round pins with .245 [6.22] max. and .175 [4.45] min. lengths.

Material and Finish:

Housing, Cover & Strain Relief—94V-0 rated thermoplastic, black

Contacts—Phosphor bronze, duplex plated

Related Product Data:

Electrical Characteristics—page 4007

Mateable Connectors:

Mateable Pin Headers:

Universal—pages 4025 thru 4031

High Temperature—pages 4023, 4024

Low Profile—pages 4013 thru 4022

Accessories:

Pull Tab — Page 4011

Strain Relief — Page 4011

Keying Plug — Page 4012

Application Tooling:

R-CAM 4 Cable Assembly Machine—Page 13019

R-CAM 3A Ribbon Cable Assembly Machine—Page 13019

R-CAM 2A Ribbon Cable Assembly Machine—Page 13019

Manual Arbor Tool —

Part Number 91085-2—Page 13015

Pneumatic Auto-Cycle Tool —

Part Number 91112-3—Page 13016

Technical Documents:

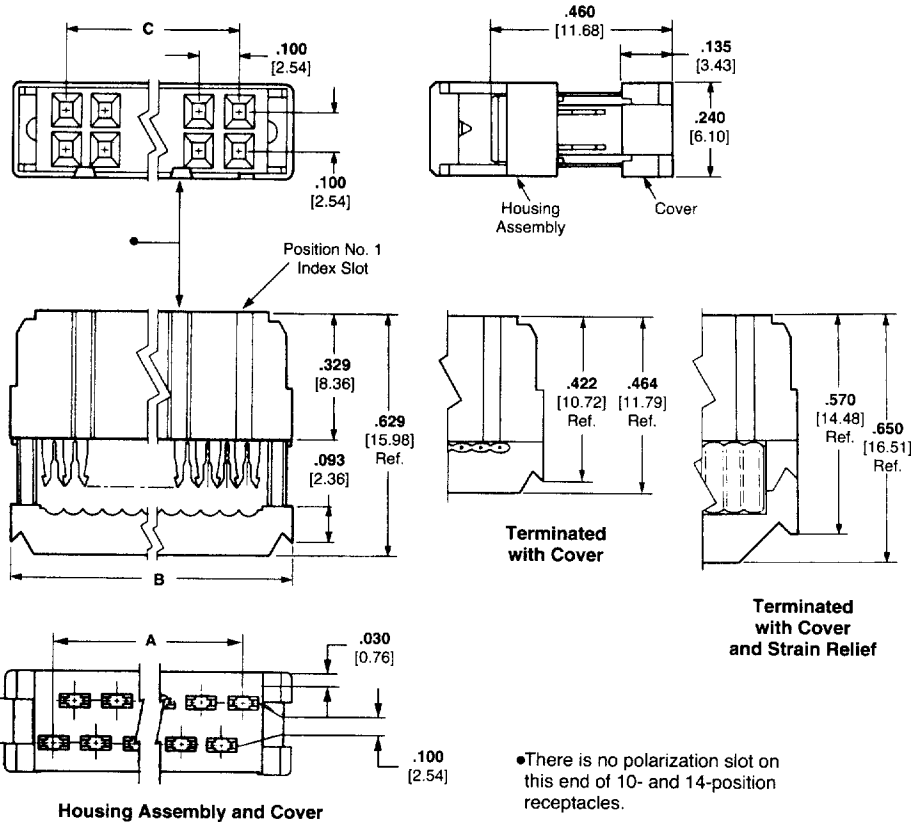
Product Specifications

108-40000 Novo and Novo Stackable Receptacles; 108-40004 Ribbon Cable, PVC Insulated

Application Specification

114-40005 Ribbon Cable Connectors

*These receptacles can be used in applications requiring non-polarization, as well as military polarization.



No. of Positions	Dimensions			Contact Plating	Strain Relief Part Numbers	Receptacle (Preassembled)
	A	B	C			
10	.450	.680	.400	Duplex ¹	499252-5	499997-1
	11.43	17.27	10.16	Duplex ²	499252-5	746290-1
14	.650	.880	.600	Duplex ¹	499252-9	499997-2
	16.51	22.35	15.24	Duplex ²	499252-9	746290-2
16	.750	.980	.700	Duplex ¹	499252-8	499997-3
	19.05	24.89	17.78	Duplex ²	499252-8	746290-3
20	.950	1.180	.900	Duplex ¹	499252-2	499997-4
	24.13	29.97	22.86	Duplex ²	499252-2	746290-4
24	1.150	1.380	1.100	Duplex ¹	1-499252-0	499997-5
	29.21	35.05	27.94	Duplex ²	1-499252-0	746290-5
26	1.250	1.480	1.200	Duplex ¹	499252-3	499997-6
	31.75	37.59	30.48	Duplex ²	499252-3	746290-6
30	1.450	1.680	1.400	Duplex ¹	1-499252-2	499997-7
	36.83	42.67	35.56	Duplex ²	1-499252-2	746290-7
34*	1.650	1.880	1.600	Duplex ¹	499252-6	499997-8
	41.91	47.75	40.64	Duplex ²	499252-6	746290-8
40*	1.950	2.180	1.900	Duplex ¹	499252-1	499997-9
	49.53	55.37	48.26	Duplex ²	499252-1	746290-9
50*	2.450	2.680	2.400	Duplex ¹	499252-4	1-499997-0
	62.23	68.07	60.96	Duplex ²	499252-4	1-746290-0
60	2.950	3.180	2.900	Duplex ¹	499252-7	1-499997-1
	74.93	80.77	73.66	Duplex ²	499252-7	1-746290-1
64	3.150	3.380	3.100	Duplex ¹	1-499252-3	1-499997-2
	80.01	85.85	78.74	Duplex ²	1-499252-3	1-746290-2

1. .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.

2. .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.

Note: These receptacles include a housing assembly and cover (preassembled). Strain reliefs may be purchased separately using the component part nos. listed above and on page 4011.