

Novo Receptacles, Center and 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 — UL 94V-0 rated thermoplastic, black

Contacts — Phosphor bronze, duplex plated (See chart below)

Related Product Data

Mateable Pin Headers —

Universal — pages 84-95

Low Profile — pages 76-83

Mateable Universal I/O Pin Connectors — pages 45 and 46

Accessories

Pull Tabs — page 63

Keying Plug — page 64

Pull Loops — page 66

Strain Relief — page 68

Application Tooling — pages 70-74

Technical Documents

Product Specifications

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

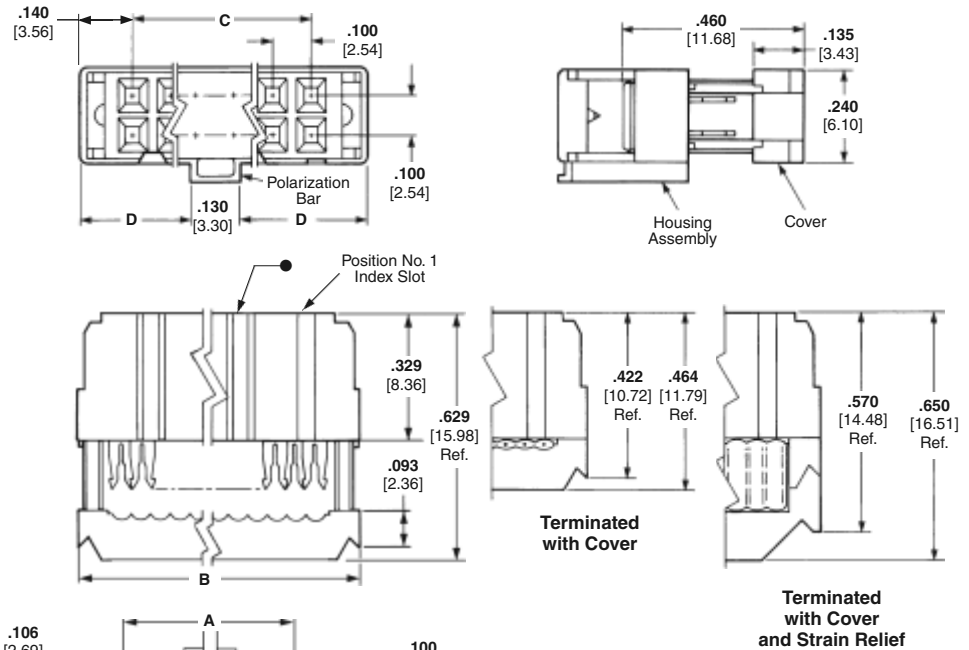
Application Specification

114-40005 Novo Receptacles

Instruction Sheets

Instructional material covering operation, setup, maintenance, repair, etc. is included with each machine, tool or die set. If this material is required prior to receiving your tooling, call TE at the numbers listed below for the applicable documents.

*These receptacles can be used in applications requiring center polarization.



● There is no polarization slot on this end of 10- and 14-position receptacles.

No. of Pos.	Dimensions				Contact Plating	Strain Relief Part No.	Receptacle (Preassembled)
	A	B	C	D			
10	.450 11.43	.680 17.27	.400 10.16	.275 6.99	Duplex ¹	499252-5	1658621-1
					Duplex ²	499252-5	1658622-1
14	.650 16.51	.880 22.35	.600 15.24	.375 9.53	Duplex ¹	499252-9	1658621-2
					Duplex ²	499252-9	1658622-2
16	.750 19.05	.980 24.89	.700 17.78	.425 10.80	Duplex ¹	499252-8	1658621-3
					Duplex ²	499252-8	1658622-3
20	.950 24.13	1.180 29.97	.900 22.86	.525 13.34	Duplex ¹	499252-2	1658621-4
					Duplex ²	499252-2	1658622-4
24	1.150 29.21	1.380 35.05	1.100 27.94	.625 15.88	Duplex ¹	1-499252-0	1658621-5
					Duplex ²	1-499252-0	1658622-5
26	1.250 31.75	1.480 37.59	1.200 30.48	.675 17.15	Duplex ¹	499252-3	1658621-6
					Duplex ²	499252-3	1658622-6
30	1.450 36.83	1.680 42.67	1.400 35.56	.775 19.69	Duplex ¹	1-499252-2	1658621-7
					Duplex ²	1-499252-2	1658622-7
34	1.650 41.91	1.880 47.75	1.600 40.64	.875 22.23	Duplex ¹	499252-6	1658621-8
					Duplex ²	499252-6	1658622-8
40	1.950 49.53	2.180 55.37	1.900 48.26	1.025 26.04	Duplex ¹	499252-1	1658621-9
					Duplex ²	499252-1	1658622-9
50	2.450 62.23	2.680 68.07	2.400 60.96	1.275 32.39	Duplex ¹	499252-4	1-1658621-0
					Duplex ²	499252-4	1-1658622-0
60	2.950 74.93	3.180 80.77	2.900 73.66	1.525 38.74	Duplex ¹	499252-7	1-1658621-1
					Duplex ²	499252-7	1-1658622-1
64	3.150 80.01	3.380 85.85	3.100 78.74	1.625 41.28	Duplex ¹	1-499252-3	1-1658621-2
					Duplex ²	1-499252-3	1-1658622-2

¹.000015 [0.00038] gold or gold flash over palladium-nickel .000015 [0.00038] min. total on post/pin mating end, .000100-.000200 [0.00254-0.00508] tin on termination end, with entire contact underplated .000050 [0.00127] nickel.
².000030 [0.00076] gold or gold flash over palladium-nickel .000030 [0.00076] min. total on post/pin mating end, .000100-.000200 [0.00254-0.00508] tin 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.
All part numbers are RoHS compliant.