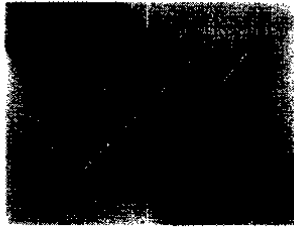




**Personal Systems Products**  
**Computer Industry**

**Wire-to-Board Connectors**

**Ribbon Cable Connectors**  
**.100 [2.54] Centers**  
**(AMP-LATCH)**



**Novo Receptacles — .100 x .100 [2.54 x 2.54] Centerline,**  
**Center & Military Polarization with Dual Beam Contact Interface**



**Product Facts:**

- Uses insulation displacement (IDC) contacts with slotted beam technology to mass terminate conductors
- Ability to terminate up to 64 conductors simultaneously
- Contacts supply residual spring pressure for long term, gas-tight connections
- Corrosion resistant
- One-step application machinery is available
- Latching feature - individual contact tails latch into termination cover, eliminating strain relief requirement



No. of Pos.	Part Numbers*						Strain Relief
	Center & Military			Military			
	Duplex A	Duplex B	Duplex C	Duplex A	Duplex B		
10	746288-1	746285-1	—	746290-1	499997-1	499252-5	
20	746288-4	746285-4	—	746290-4	499997-4	499252-2	
34	746288-8	746285-8	—	746290-8	499997-8	499252-6	
40	746288-9	746285-9	—	746290-9	499997-9	499252-1	
40	—	111983-3 <sup>2</sup>	—	—	111891-1 <sup>1</sup>	—	
40	—	—	111699-9	—	111891-1 <sup>2</sup>	—	
50	1-746288-0	1-746285-0	—	1-746290-0	1-499997-0	499252-4	

\* Mates with AMPLATCH headers on page 98 and AMPMODU headers on page 99

<sup>1</sup> Polyester PBT, gray cover; molded keying in position 20 (no contact)

<sup>2</sup> Molded keying in position 20 (no contact)

**Material and Finish:**

**Housing** — Black thermoplastic, 94V-0 rated, flame retardant

**Contacts** — Copper alloy, duplex plated  
**A** — .00015 [0.0038] gold on contact area, .000100-.000200 [0.00254-.00508] tin-lead on solder area, with entire contact underplated .000050 [0.00127] nickel

**B** — .000030 [0.00076] gold on contact area, .000100-.000200 [0.00254-.00508] tin-lead on solder area, with entire contact underplated .000050 [0.00127] nickel

**C** — Gold flash on contact area, .000100 [0.00508] min tin-lead on solder area, with entire contact underplated .000050 [0.00127] nickel

**Note:**  
BLUE part numbers indicate 2D geometry and 3D CAD models that are included on CD-ROM.