

**Two-Row Vertical Receptacle Assemblies Without Guide Holes**

**ACTION PIN Posts  
and Solder Posts**

**Material and Finish**

**Housing** — Brown glass-filled polyphenylene sulfide

**Contacts** — ACTION PIN (phosphor bronze), solder (beryllium copper), plated as follows:

**A** .000030 [0.00076] gold in contact area, tin-lead on posts, with entire contact underplated .000050-.000100 [0.00127-0.00254] nickel

**B** Gold flash over .000050-.000100 [0.00127-0.00254] nickel on entire contact, with .000030 [0.00076] gold on contact area and for .200 [5.08] from tip of ACTION PIN post

**Related Product Data**

**Mateable Connectors** —

**Vertical Pin Headers** —

Base numbers 533060, 532446, 532430, 532091, 532430

**90° Pin Headers** —

Base numbers 533515, 533295

Consult Tyco Electronics for part number details.

**Accessories** —

**Keys** — page 6103

**Jack screws** — page 6104

**PCB Hole Layouts** — page 6100

**Application Tooling** — page 6102

**Technical Documents** —

AMP Product Specifications

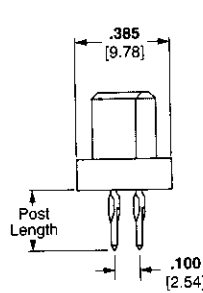
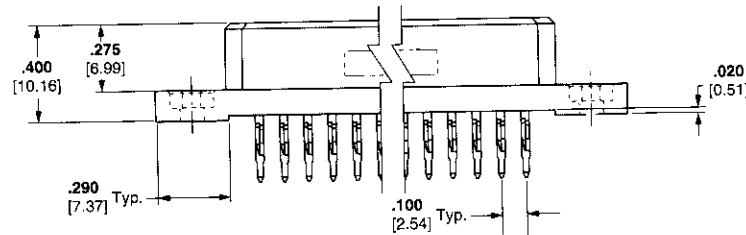
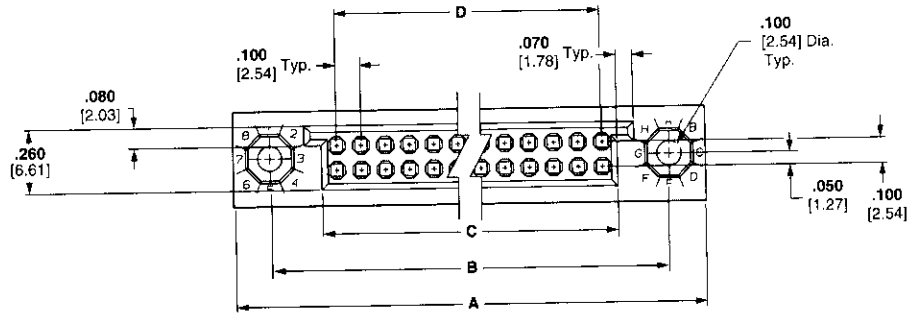
108-9069, 108-26003

AMP Application Specification

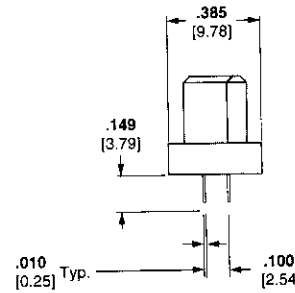
114-9010

AMP Instruction Sheets 408-6927,

408-6980, 408-6989, 408-9185



**ACTION PIN Posts**



**Solder Posts**

| No. of Pos. | Dimensions       |                  |                  |                 | Contact Finish | Part Numbers*      |                    |              |
|-------------|------------------|------------------|------------------|-----------------|----------------|--------------------|--------------------|--------------|
|             | A                | B                | C                | D               |                | ACTION PIN Posts   |                    | Solder Posts |
|             |                  |                  |                  |                 |                | .500 [12.7] Length | .250 [6.35] Length |              |
| 200         | 10.750<br>273.05 | 10.450<br>265.43 | 10.024<br>254.61 | 9.900<br>251.46 | A              | —                  | 1-533650-9         | —            |
| 80          | 4.750<br>120.65  | 4.450<br>113.03  | 4.024<br>102.21  | 3.900<br>99.06  | B              | 533693-7           | —                  | —            |
| 60          | 3.750<br>95.25   | 3.450<br>87.63   | 3.024<br>76.81   | 2.900<br>73.66  | A              | —                  | —                  | 533289-5     |
| 40          | 2.750<br>69.85   | 2.450<br>62.23   | 2.024<br>51.41   | 1.900<br>48.26  | A              | 533693-3           | —                  | 533289-3     |
| 20          | 1.750<br>44.45   | 1.450<br>36.83   | 1.024<br>26.10   | .900<br>22.86   | A              | —                  | —                  | 533289-1     |

\*Other connector sizes and solder post lengths can be made available, consult Tyco Electronics.